

AD 666761

AD

4

TECHNICAL REPORT  
68-30-ES

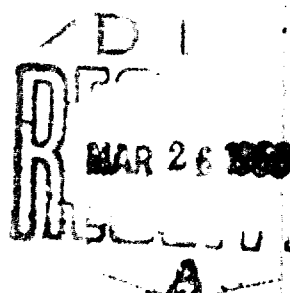
ARTHROPODS OF MEDICAL IMPORTANCE  
IN LATIN AMERICA PART I

by

B. V. Travis

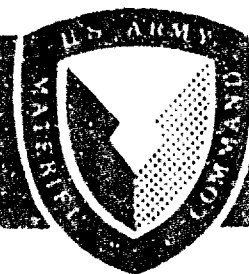
R. M. Labadan

Cornell University  
Ithaca, New York



December 1967

UNITED STATES ARMY  
NATICK LABORATORIES  
Natick, Massachusetts 01760



Earth Sciences Laboratory

ES-35

Best Available Copy

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED.

The findings in this report are not to be construed as an official Department of the Army position unless so designated by other authorized documents.

Citation of trade names in this report does not constitute official endorsement or approval of the use of such items.

Destroy this report when no longer needed. Do not return it to the originator.



Best Available Copy

**Best  
Available  
Copy**

DISTRIBUTION OF THIS  
DOCUMENT IS UNLIMITED

AD \_\_\_\_\_

TECHNICAL REPORT  
68-30-ES

ARTHROPODS OF MEDICAL IMPORTANCE  
IN LATIN AMERICA

Part I of Two parts, Printed Separately

by

B. V. Travis, Ph.D.

and

Renato M. Labadan, Ph.D.

College of Agriculture, Cornell University  
Ithaca, New York

December 1967

Project Reference:  
1V025001A129

Series:  
ES-35

U.S. Army Materiel Command  
U.S. ARMY NATICK LABORATORIES  
Natick, Massachusetts 01760

This report presents results of Contract DA19-129-AMC-417(N)

Sponsored by  
OFFICE, CHIEF OF RESEARCH AND DEVELOPMENT  
Department of the Army

Monitored by  
Earth Sciences Laboratory  
U.S. Army Natick Laboratories

ARTHROPODS OF MEDICAL IMPORTANCE  
IN LATIN AMERICA

PART I

Introductory and Explanatory Material

Data on Mosquitoes

[Part II, published separately, contains  
Data on Arthropods other than Mosquitoes]

## FOREWORD

This report is one of the end-products of a series of studies that began in 1952 when the Office of The Quartermaster General awarded a contract to Cornell University for summarization of distributional data for insects and other arthropods of medical importance. The studies were planned in cooperation with personnel of the Office of the Surgeon General and the U. S. Department of Agriculture. Dr. Bernard V. Travis, Professor of Medical Entomology and Parasitology at Cornell University, has been the principal investigator since the inception of the series. A thorough search was made of the entomological literature, and for each country and major geographical region of the world a "summary report" was prepared, listing the reported occurrences and habitat data for medically important arthropods. These summary reports were placed on file at the Hattick Laboratories and the Military Entomology Information Service, Walter Reed Medical Center, where they are available for loan and reference.

By 1964 it became evident that changes in the field of entomology--both in knowledge acquired and in the distributions of some species--required updating of the material contained in the country summary reports. It was decided also that the material would be more useful if consolidated on a continental rather than a country basis. Contracts were let with Cornell University for accomplishing these two tasks simultaneously, and the present report for Latin America is a result of this work. Similar reports for Africa and Asia have already been published by these Laboratories, and reports for the remaining continents will follow.

Because of the large number of entries, the report is in two parts, printed separately. Part I contains all the introductory material and data on mosquitoes; Part II contains data on arthropods other than mosquitoes.

The distributions of the most important species are being mapped by the University of Pittsburgh's Department of Geography. When completed for all continents the maps will be published in an Atlas of Medically Important Arthropods, to accompany this and the other continental summaries.

The contract under which this work was accomplished was supported by funds from the Office of the Chief of Research and Development, Department of the Army. This contract, as well as the previous contracts in insect geography, was initially monitored by Mr. Carl W. Ross, formerly Geographer with the Earth Sciences Laboratory. Dr. John J. Pratt, Jr., Head of the Applied Entomology Group of the Pioneering Research Laboratory, was alternate project officer. Completion of the contract and publication were supervised by Dr. William C. Robison, Chief of the Geography Division, this Laboratory.

The following members of the staff at Cornell University assisted the authors in preparing this compilation: Eveline Aron, Editha Gagni, Susan Serrine, Isabel Valiela, Helen Younger, Erika Zeballos, and Ruth Breen, Librarian, Department of Entomology, Cornell University. Priscilla Lawrence typed the manuscript.

The Earth Sciences Laboratory is pleased to be able to present the results of the labors of Dr. Travis and his co-workers for the use of Army specialists in preventive medicine, public health officers, and entomologists.

L. W. TRUEBLOOD  
Director  
Earth Sciences Laboratory

### APPROVED:

DALE H. STEELING  
Scientific Director

CLIFFORD T. RICHMAN  
Colonel, JMC  
Commanding

# TABLE OF CONTENTS

## Page

### PART I INTRODUCTORY MATERIAL AND DATA ON MOSQUITOES

Abstract	viii
----------	------

#### INTRODUCTION

1. Format of this report	ix
2. Table 1 explained	ix
3. Table 2 explained	xi
4. Addenda to tables explained	xi
5. Literature Cited section explained	xi
6. Special comments	xi

#### INDEX AND MAP OF COUNTRIES

#### ARTHOPOD DATA

A. Mosquitoes	1
1. Table 1. Mosquitoes	2
Addenda	186
2. Table 2. Summary of diseases or disease organisms transmitted by mosquitoes	187
3. Literature cited	193

### PART II DATA ON ARTHROPODS OTHER THAN MOSQUITOES

B. Black flies	217
1. Table 1. Black flies	218
2. Table 2. Summary of diseases or disease organisms transmitted by black flies	240
3. Literature cited	241
C. Sand flies	245
1. Table 1. Sand flies	246
2. Table 2. Summary of diseases or disease organisms transmitted by sand flies	263
3. Literature cited	264



# TABLE OF CONTENTS

	<u>Page</u>
D. Midges	269
1. Table 1. Midges	270
2. Table 2. Summary of diseases or disease organisms transmitted by midges	287
3. Literature cited	288
E. Horse flies	293
1. Table 1. Horse flies	294
2. Literature cited	366
F. Biting flies	371
1. Table 1. Biting flies	372
2. Literature cited	373
G. Non-biting flies	375
1. Table 1. Non-biting flies	376
2. Table 2. Summary of diseases or disease organisms transmitted by non-biting flies	379
3. Literature cited	381
H. Fleas	385
1. Table 1. Fleas	386
2. Table 2. Summary of diseases or disease organisms transmitted by fleas	416
3. Literature cited	417
I. Bugs	423
1. Table 1. Bugs	424
2. Table 2. Summary of diseases or disease organisms transmitted by bugs	431
3. Literature cited	433
J. Urticating and vesicating arthropods	437
1. Table 1. Urticating and vesicating arthropods	438
2. Table 2. Summary of diseases or disease organisms transmitted by urticating and vesicating arthropods	440
3. Literature cited	442

# TABLE OF CONTENTS

	<u>Page</u>
K. Ticks	443
1. Table 1. Ticks	444
2. Table 2. Summary of diseases or disease organisms transmitted by ticks	466
3. Literature cited	468
L. Mites	475
1. Table 1. Mites	476
2. Table 2. Summary of diseases or disease organisms transmitted by mites	481
3. Literature cited	482
M. Miscellaneous Arthropods	485
1. Table 1. Miscellaneous arthropods	486
2. Table 2. Summary of diseases or disease organisms transmitted by miscellaneous arthropods	489
3. Literature cited	490

# ABSTRACT

The occurrence of insects and other arthropods of medical importance in Latin America (used here to denote all of South and Middle America including the West Indies), adjacent islands (Bermuda and the Falklands), and lands within the Antarctic Circle, is summarized on the basis of a compilation of almost all available references in the scientific literature. The report includes, for each major group of arthropods, a listing of species and subspecies with biological and distributional data, tabulations of diseases or disease organisms transmitted, and complete literature citations.

The groups of arthropods included, with the number of species or subspecies in parentheses, are:

Part I: Mosquitoes (1,251)

Part II: Arthropods other than mosquitoes: Black flies (275), Sand flies (204), Midges (178), Horse flies (1,115), Biting flies (3), Non-biting flies (24), Fleas (356), Bugs (70), Urticating and vesicating arthropods (25), Ticks (182), Mites (73), and Miscellaneous arthropods (35).

ARTHROPODS OF MEDICAL IMPORTANCE  
IN LATIN AMERICA

INTRODUCTION

1. Format of this report

As will be seen from the Abstract and the Table of Contents, the data in this report are presented according to arthropod groups. Part I is on Mosquitoes. Part II contains data on the other groups of arthropods.

For each arthropod group the data are presented in tables, one or two as required. In Table 1, which is the basic table for each arthropod group, are listed the arthropods, biological data, distribution, and documentary references. In Table 2 are summarized the disease organisms said by the authors to be transmitted by the arthropods.

After the above-mentioned tabular material there is, for each arthropod group, a section of Literature Cited, containing the complete citation referred to in the basic table (Table 1).

The format of the data sections of the report is explained below. At the end of this Introduction there are brief explanatory comments on synonymy, interpretation of statements, and the order of listings for any particular species in Table 1.

2. Table 1 explained

For each group of arthropods (mosquitoes, black flies, etc.) its basic table, Table 1, lists for each species and subspecies the distribution (country or countries), together with any biological data, and the reference documenting each entry. We will explain this table by considering entries under each column heading in turn.

a. SPECIES

Under the first heading, SPECIES, is entered: genus, species, subspecies (if any), and describer.

The format for a typical entry under SPECIES is somewhat variable, depending on the information available for each arthropod group. Typically, the genera and species are listed in alphabetical order in each group. No entries are made for subgenera. However, the subspecies, varieties and forms are listed as they appear in the publication. The describer's name is given unless the author has not listed the name and it is not clear from the literature what the describer's name should be.

See note on synonymy at the end of this Introduction.

b. BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION

The basic data of Table 1 are presented under these headings. The entries in the table are made in the same order as the heading indicates, and are separated by the same punctuation mark, ";". "No data" is indicated by "---"; that is, there may be no data on BREEDING HABITATS or ADULT ACTIVITY. Under DISTRIBUTION, the third category of information, a number is entered; this number represents a country in Latin America, or an island or group of islands in the adjacent seas, which may be identified by consulting the Index of Countries immediately following this Introduction.

For example, the entry for the first item on page 2 (---;---;17) means that there are no data on BREEDING HABITATS or ADULT ACTIVITY for the Bahama Islands (number 17 under DISTRIBUTION, as identified in the Index of Countries) for the particular species, although the indicated reference (Porter 1967) shows that the species occurs there.

Further comments on each part of this heading follow:

**BREEDING HABITATS:** No entry is made (as indicated by "---") unless the author makes clear and specific statements. The data concerning the biology of the immature forms are quite sparse, except for mosquitoes.

**ADULT ACTIVITY:** Again, no entry is made (as indicated by "---") unless the author makes clear and specific statements. Except for mosquitoes, the authors present little biological data for adult arthropods.

**DISTRIBUTION:** As indicated by the heading, the third category of information is DISTRIBUTION and the entry in the table consists of one or more numbers. These numbers represent geographical locations as indicated above, and may be identified by referring to the Index of Countries. All entries in this report use these numbers (in the DISTRIBUTION column of both Table 1 and Table 2) instead of the country or island name. For example, 27 is the number for Argentina. Where the authors have not recorded a specific country, an inclusive number is used. For example, 69 is the number for Central America. For explanation of symbols attached to the country numbers in this column, see paragraph c immediately below.

c. Symbols attached to the country number or to a reference date

In the DISTRIBUTION column, the country number may have a symbol attached to it, e.g., 23\* or 23°. In the DATE column, the date may have a symbol attached to it, e.g., 1913+.

Symbol \* after a country number indicates that the species is said by the author to transmit a disease organism to man. For example, on page 2 of this report, the next to the last entry ends with ". . .82\* ". This means that the species in Colombia (country 82 in the Index) are said to transmit a disease organism to man. When this symbol is used, the species of arthropod and the disease transmitted are entered in the table immediately following: that is, such entries in Table 1 are summarized in Table 2. Where two asterisks (\*\*) appear, they refer to two separate diseases.

Symbol ° after the country number indicates that the species is said by the author either to bite or directly annoy man. For example, on page 2 of this report the 6th listing ends ". . .22° ". This means that this particular species in Puerto Rico (country 22 in the Index) is said by the author either to bite or annoy man. These entries are not summarized, as are those marked "\*" above.

Symbol + after a reference date indicates that the record is an unconfirmed entry. For example, on page 2 of this report, the 9th listing ends "Floch & Abonnenc 1945 + ". This means that the particular entry "---; domestic, bite any time of day; 24\*\*° " (country 24 in the Index is Lesser Antilles) needs further confirmation. This symbol is also used in Table 2, with the same meaning, but is there attached to the country number, in the DISTRIBUTION column. See paragraph 3 below.

d. (GENERAL STATEMENTS)

In addition to the three main categories of information as described above, the column heading indicates that there may be general statements. If so, this entry is made after those of the three main categories and is enclosed in parentheses, exactly as the column heading indicates. This may be a statement for either the various countries or continents or for the various species. For example, on page 5 of this report, the 2nd listing ends ". . .(Temporary rain pools)". Also on page 8, the third listing ends "(In houses)".

e. AUTHOR and DATE

Every entry in Table 1 is documented by an author (or a senior author) and date of publication. The AUTHOR and DATE (year of cited publication) are entered in the last two columns of Table 1. Explanation of symbol "+" which may be attached to DATE is given in paragraph c above. (The complete literature citation is given, for each arthropod group, in the section immediately following the tables.)

3. Table 2 explained

As noted above, all listings marked "\*" in a table are summarized for the particular species of arthropod, in the table immediately following, giving the country or countries where occurring, and the disease or disease organism transmitted.

Table 2 summarizes such items from Table 1. For example, on page 2 of this report (Mosquitoes, Table 1), the 8th listing ends ". . .23\*", and the 9th listing ends ". . .24\*". We note on pages 2, 3, and 4, under the same species, other listings ending: 53\*, 82\*, 237\*, 240\*, 297\*, and 328\*. All these listings are summarized at the beginning of Table 2, page 187. Besides the SPECIES and DISTRIBUTION, the table also gives information on DISEASE OR DISEASE ORGANISM. Entries in these columns are discussed below.

a. SPECIES and DISTRIBUTION

The SPECIES is, of course, that indicated in Table 1, and the DISTRIBUTION column summarizes all the numbers (i.e., countries or islands) that are marked "\*" under DISTRIBUTION in Table 1 for this particular species.

b. DISEASE OR DISEASE ORGANISM

Under this heading there are four subheadings (VIRUS & RICKETTSIA; PROTOZOA; HELMINTHS; OTHER). The subheading itself may be broken down, where necessary. For example, on page 187 (Mosquitoes, Table 2), the first subcolumn (VIRUS & RICKETTSIA) is broken down as: Dengue and Yellow fever, with numbers indicating the appropriate distribution.

4. Addenda to tables explained

A few entries in the Mosquito section were confirmed after the tables were typed. These entries were typed as addenda immediately following the last page of Table 1. For example, on page 186 of this report, five entries were made which merely added more information to what was already recorded in the main table.

5. Literature Cited section explained

At the end of each arthropod section there is a complete list of Literature Cited, as referred to in the last column of Table 1 (AUTHOR and DATE).

The abbreviations of the periodicals follow the World List of Scientific Periodicals.

6. Special comments

a. A note on synonymy

The problem of attempting to straighten out synonymy of scientific names is beyond the scope of this report. Except for a few species, the scientific names as used by the authors are entered in the tables. In a few cases we have followed the synonymy of an acceptable monograph. As there is no universal agreement among taxonomists, the responsibility for synonymy must be referred to the interpretation of each specialist.

b. A note on interpretation of statements

An attempt has been made to avoid interpreting the published statements. This has been found difficult in matters concerning disease transmission; thus it is often clearer if we use the author's own words. In general, it has been found that few authors make unqualified statements concerning the vectors. Also, as one might expect, most of the statements are based on epidemiological evidence and not on actual transmissions.

c. Order of listings for same species in Table 1

If there is more than one country number for a single entry, the country numbers are arranged in ascending order. For example, on page 5, the second listing reads: ". . . 85, 128, 204, 262, 328."

When there is more than one entry (that is, citation with Author and Date) under a single species and describer, the entries are listed in ascending order of country number, based on the first (lowest) number for each entry. For example, on page 2, the first listing is 17, the next 18, then 19, and the fourth entry begins with 20. Since all countries mentioned by a single author are listed in that entry, the countries under a given species are not necessarily all in numerical order when there is more than one entry for that species.

## INDEX OF COUNTRIES

In 1962 a world-wide Geographic Index was published\* listing countries, islands, and major regions in alphabetical order, and assigning a number to each. The following list consolidates the countries of Latin America and other territories included in this report. The countries and island groups, as named at the time of publication of the present report, are shown on the adjacent map.

All the numbers of Latin American countries are listed in order. For example, 27 stands for Argentina and 328 for Venezuela. To accommodate citations that are not by specific countries, inclusive titles are used, e.g., 69 stands for Central America. This is the principal purpose of the Index: to identify the countries or other locations represented by numbers under DISTRIBUTION (Table 1 or Table 2).

The Index also includes at least the major synonyms. The synonymy is preceded by a dash, while the numbers appear before the main entries. For example, near the end of this Index we have (in both alphabetical and numerical order): "297 Surinam or Netherlands Guiana," the main listing. Earlier we also have, in alphabetical order: "- Netherlands Guiana or Surinam 297."

---

\*B. V. Travis, Herbert H. Casewell, Jr., William B. Rowan, Helle Starcke, and Carl W. Ross: Classification and coding system for compilations from the world literature on insects and other arthropods that affect the health and comfort of man, Technical Report ES-4, Quartermaster Research & Engineering Center, Natick, Massachusetts, 1962



## INDEX OF COUNTRIES

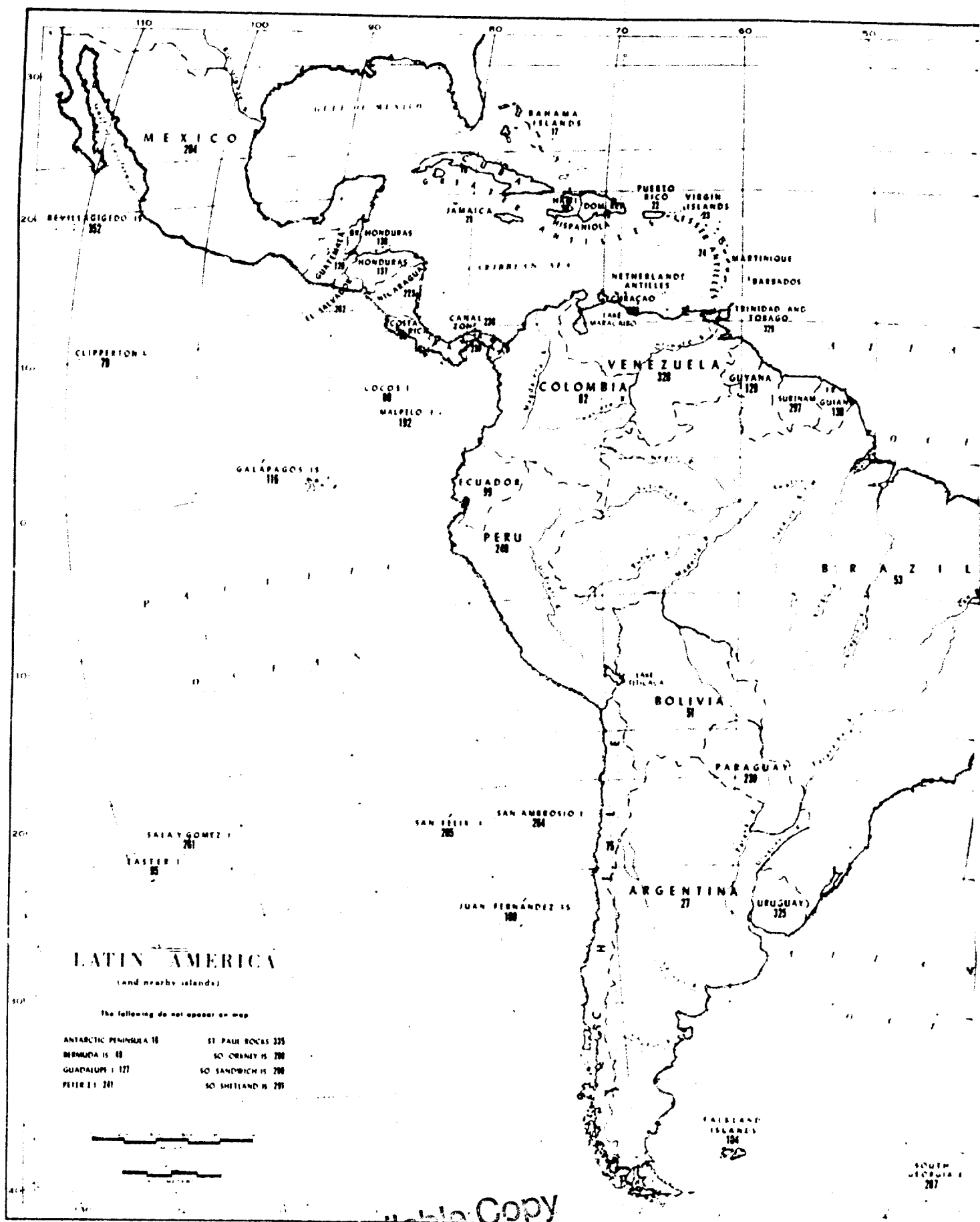
16. Antarctic Circle, within the (Inclusive title)
  - Antarctic Peninsula, formerly Palmer Peninsula, included in Antarctic Circle 16
17. Antilles, Greater--Bahama Islands
18. Antilles, Greater--Cuba
19. Antilles, Greater--Dominican Republic
20. Antilles, Greater--Haiti
21. Antilles, Greater--Jamaica
22. Antilles, Greater--Puerto Rico
23. Antilles, Lesser--Virgin Islands
24. Antilles, Lesser (Inclusive title)
27. Argentina
  - Bahama Islands, indexed as Antilles, Greater--Bahama Islands 17
  - Barbados, indexed with Antilles, Lesser 24
48. Bermuda Islands
51. Bolivia
53. Brazil
  - British Guiana (formerly), now Guyana 129
  - British Honduras 138
  - Canal Zone or Panama Canal Zone 238
68. Central America--Coastal Islands in Caribbean
69. Central America (Inclusive title)
75. Chile
79. Clipperton Island
80. Cocos Island or Isla del Coco
  - Colón Archipelago or Galápagos Islands 116
82. Colombia
85. Costa Rica
  - Cuba, indexed as Antilles, Greater--Cuba 18

INDEX OF COUNTRIES (CONTINUED)

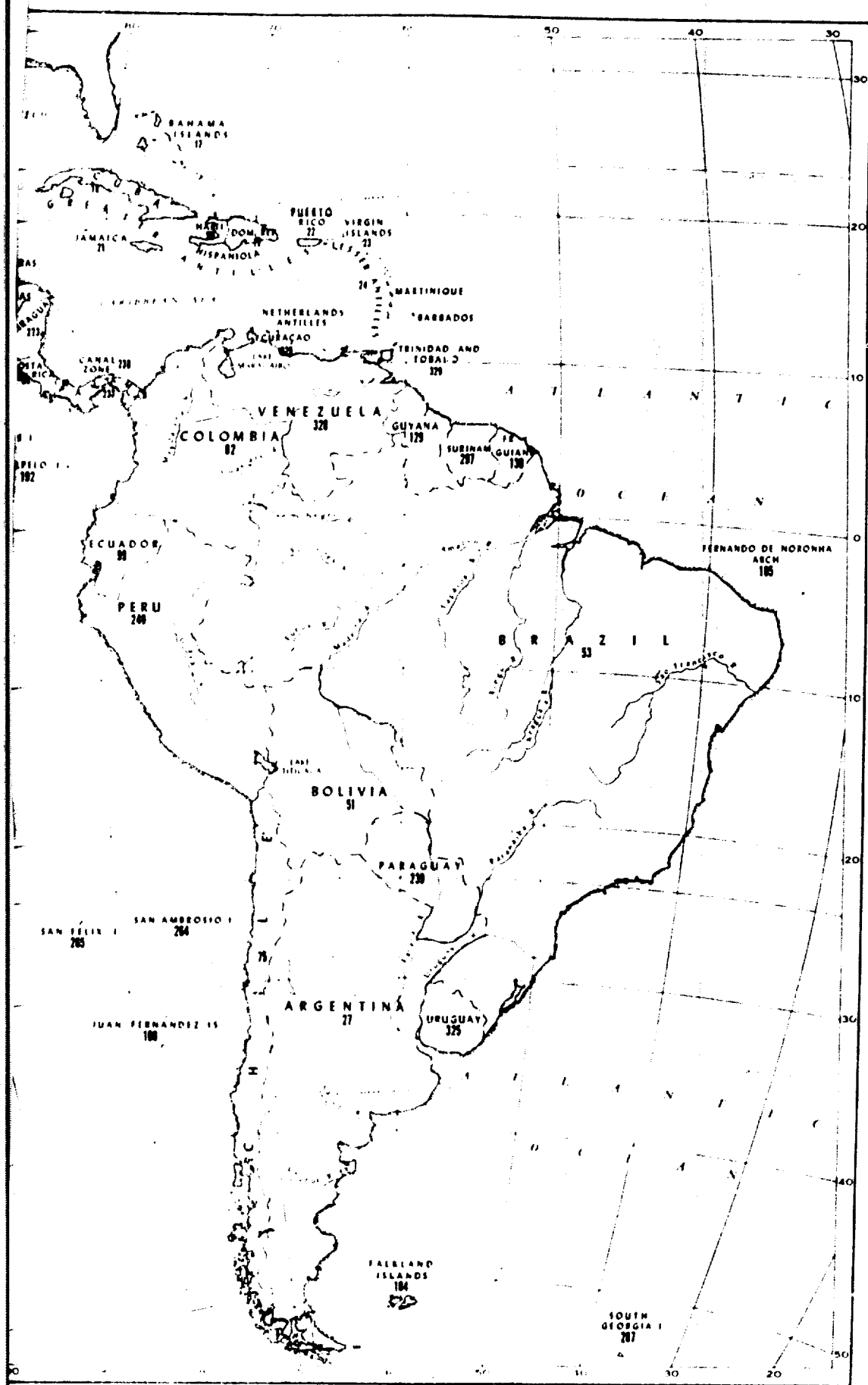
- Curaçao, indexed with Venezuelan Coastal Islands 329
- Dominican Republic, indexed as Antilles, Greater--Dominican Republic 19
- 91. Hispaniola or Quisqueya or Santo Domingo (Inclusive title)
- 99. Ecuador
  - El Salvador 262
- 104. Falkland Islands
- 105. Fernando de Noronha Archipelago
  - French Guiana 130
- 116. Galápagos Islands or Galápagos Archipelago or Colón Archipelago
- 127. Guadalupe Island
- 128. Guatemala
- 129. Guiana, British (formerly), now Guyana
- 130. Guiana, French
  - Guiana, Netherlands or Surinam 297
  - Guianas, The 347 (Inclusive title)
  - Guyana, formerly British Guiana 129
  - Haiti, indexed as Antilles, Greater--Haiti 20
  - Hispaniola or Quisqueya or Santo Domingo (Inclusive title) 91
- 137. Honduras
- 138. Honduras, British
  - Jamaica, indexed as Antilles, Greater--Jamaica 21
- 160. Juan Fernandez Islands
- 192. Malpelo Island
  - Martinique, indexed with Antilles, Lesser 24
- 204. Mexico
  - Netherlands Guiana or Surinam 297
- 223. Nicaragua
  - Palmer Peninsula (formerly), now Antarctic Peninsula, in Antarctic Circle 16

INDEX OF COUNTRIES (CONTINUED)

- 237. Panama
- 238. Panama Canal Zone or Canal Zone
- 239. Paraguay
- 240. Peru
- 241. Peter I Island
  - Puerto Rico, indexed as Antilles, Greater--Puerto Rico 22
  - Quisqueya or Santo Domingo or Hispaniola (Inclusive title) 91
- 252. Revillagigedo Islands
  - Saint Paul Rocks 335
- 261. Sala-y-Gomez Island
- 262. Salvador, El
- 264. San Ambrosio Island
- 265. San Félix Island
  - Santo Domingo or Hispaniola or Quisqueya (Inclusive title) 91
  - South America 352 (Inclusive title)
- 287. South Georgia Island
- 288. South Orkney Islands
- 290. South Sandwich Islands
- 291. South Shetland Islands
- 297. Surinam or Netherlands Guiana
  - Trinidad and Tobago, indexed with Venezuela Coastal Islands 329
- 325. Uruguay
- 328. Venezuela
- 329. Venezuela Coastal Islands, including: Trinidad and Tobago
  - Virgin Islands, indexed as Antilles, Lesser--Virgin Islands 23
- 335. Saint Paul Rocks
- 346. West Indies (Inclusive title)
- 347. Guianas, The (Inclusive title)
- 352. South America (Inclusive title)



Best Available Copy



Best Available Copy

## ARTHROPOD DATA

### A. MOSQUITOES

The mosquito entries include information on the biology of the larvae and adults in addition to distribution and disease transmission. As might be expected, the mosquitoes constitute a large assortment of species in Latin America. The extremely diverse ecological conditions provide habitats that are occupied by 1251 species or subspecies. The tabulation will show that some of the species have a large documentation of their biology. Usually such species are of great economic importance because they are important vectors. For some species there is almost no information except distributional data. Such species are usually uncommon or else are thought to be of little significance as vectors.

So many mosquitoes will bite man that an effort has been made to make a complete listing of mosquito species or subspecies in Latin America. The synonymy is a difficult problem in this group; thus, many species and subspecies are not valid names.

TABLE 1 - MOSQUITOES

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES aegypti</i> (Linnaeus)	---; ---; 17	Porter	1967
	---; ---; 18	Anonymous	1948
	---; ---; 19	Menor y Ortega	1936
	---; May, June; 20, 329	Sautet et al.	1958
	Artificial containers near houses; ---; 21	Edwards	1937
	Artificial containers around houses; June-Aug., in houses, bite day and night; 22°	Root	1922
	Artificial containers; ---; 23	Wilson	1922
	---; naturally infected with <i>Wuchereria bancrofti</i> ; 23*, 297	Manson- Bahr	1959
	---; domestic, bite any time of day; 24**°	Floch & Abonnenc	1945 +
	Artificial containers, tree holes; in houses; 24	Edwards & Box	1940
	Rock holes; ---; 24	van der Kuyp	1948
	Artificial containers, stagnant and polluted water; Oct.; 27	Mühlens et al.	1925
	---; enters houses; 27	del Ponte	1939
	---; ---; 51	Cerqueira	1943a
	Open wells; suspected vector of yellow fever, March-June; 53	Walcott et al.	1937
	Artificial containers; common Aug.-Sept., bite during day, on ship; 53°	Strong et al.	1926
	Forest; rarely indoors; 53*	Taylor & Da Cunha	1946
	---; experimental transmission of yellow fever; 53	Laemmert et al.	1946
	---; experimentally infected with <i>W. bancrofti</i> ; 53	Davis	1935
	---; May, June; 75	Dyar	1924
	Shallow pools, artificial containers; ---; 82	Dunn	1926
	---; in houses; 82*	Dunn	1929
	---; ---; 82**°	Patino- Camargo	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>aegypti</i>	Artificial containers; in houses; 85	Kumm et al.	1940
(Linnaeus)	Tree holes, artificial containers; domestic, all year; 99	Campos	1925
(cont.)	Artificial container; ---; 129	Bodkin	1919
	---; in houses, experimentally infected with <i>Wuchereria bancrofti</i> ; 129	Giglioli	1948 a
	---; all year, bites during day; 129°	Giglioli	1948
	---; all year, in houses; 130	Floch & Abonnenc	1947 b +
	---; ---; 137	Kumm	1931
	---; ---; 138, 204	Martini	1935
	Artificial containers, pools in shallow wells; in houses; 223	Woke	1947
	Tree holes, axils of <i>Colocasia</i> leaves, artificial containers; ---; 237**, 240**	Carter	1924
	---; carrier of yellow fever, Jan., April, Dec.; 237. Artificial container; carrier of yellow fever, March-June, Nov.-Dec.; 238	Dyar	1925 c
	---; bites by day; 237°	Curry	1925
	Roof gutters; ---; 238	Siler	1933
	---; carrier of yellow fever and dengue; 238	Chamberlain & Curry	1926
	Artificial containers; Feb.-April; 240	Converse	1914
	---; in houses; 262	Kumm & Zuniga	1942
	Tree holes, artificial containers; bites by day and by night; 297°	Bonne & Bonne Wepster	1925
	---; common on plantations along coast; 297	Snijders et al.	1947
	---; ---; 297*	Flu	1926
	Artificial containers; ---; 325°	Cossio	1931



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>aegypti</i> (Linnaeus) (cont.)	Artificial containers, rock holes; possible vector of yellow fever; 328	Hecht & Anduze	1944
	---; intermediate host of <i>Wuchereria bancrofti</i> ; 328	Martorell	1939
	---; in houses; 328	Evans	1922
	---; along river; 328	Dyar	1925d
	---; ---; 328**	Ortiz	1944
	Rock holes, artificial containers; Jan., April- Sept., Dec., in houses; 329°	van der Kuyp	1948a
<i>aenigmaticus</i> Cerqueira & Costa	---; ---; 53	Lane	1953
<i>albifasciatus</i> (Macquart)	Ditches, ground pools, lagoons, artificial containers; March-May; 27	Manso Soto & Martinez	1949
	---; enters houses; 27°	Lutz et al.	1918 +
	River; ---; 27. Pools in river margin; ---; 75	Edwards	1931
	---; ---; 51, 53, 239, 325	Stone et al.	1959
	---; on shipboard; 53°	Evans & Walker	1935
	---; Apr.; 75	Matheson	1934
	---; ---; 329	Lassalle	1916 +
<i>albonotatus</i> (Coquillett)	---; ---; 17, 19 (Tree holes, bamboos)	Bonne & Bonne-Wepster	1925
	---; ---; 20	Root	1927
	Tree holes; ---; 24. ---; June; 328	Dyar	1928
	---; ---; 346	Stone et al.	1959
<i>alleni</i> Turner	Tree holes; ---; 204	Dyar	1928
<i>allotecnus</i> Kumm & Komp	---; ---; 85, 128, 204	Stone et al.	1959
	Bromeliads in trees; ---; 262	Kumm & Zuniga	1942
<i>angustivittatus</i> Dyar & Knab	---; ---; 27, 51, 53, 69, 99, 240	Stone et al.	1959
	Temporary pools; ---; 82	Komp	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i> <i>angustivittatus</i> Dyar & Knab (cont.)	Ground pools, hoofprints, stream pools, fresh water swamps; in houses, in forest during day; 85	Kumm et al.	1940
	---; ---; 85, 128, 204, 262, 328 (Temporary rain pools)	Dyar	1928 a
	Temporary rain pools in partially cleared jungle; ---; 137	Root	1924 +
	Fresh water marsh; ---; 223	Woke	1947
	---; edge of forest; 237°	Dunn	1934
	---; Oct.; 237. ---; Jan., April-July; 238	Dyar	1925 c
	Fresh water swamps; in houses; 262	Kumm & Zuniga	1942
	---; along rivers; 328	Dyar	1925 b
<i>annuliferus</i> (Blanchard)	---; ---; 75	Stone et al.	1959
<i>arborealis</i> Bonne-Wepster & Bonne	---; ---; 53, 82, 347	Stone et al.	1959
	Rock holes; June; 130°	Floch & Abonnenc	1947 b +
	Tree holes; Jan.; 297	Bonne-Wepster & Bonne	1919 a
<i>argenteus</i> Poiret	---; ---; 85*	Serre	1921
	Artificial containers; ---; 129	Haslam	1925
	---; in houses; 328	Evans	1922
<i>argyrites</i> Dyar & Nuñez Tovar	---; ---; 328	Lane	1953
<i>argyrothorax</i> Bonne-Wepster & Bonne	---; ---; 51, 53, 85	Stone et al.	1959
	Tree holes; ---; 53°	Kumm & Novia	1938
	Tree holes; in forest, Mar.-June, Aug.; 130	Floch & Abonnenc	1947 b +
	Tree holes; in houses; 297	Bonne-Wepster & Bonne	1919

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>	Artificial containers; ---; 85	Kumm et al.	1940
<i>atropalpus</i> (Coquillett)	---; ---; 204, 223, 239	Stone et al.	1959
	Rock holes, artificial containers; at high and at low elevations; 262	Kumm & Zuniga	1942
<i>atropalpus</i> var. <i>epactius</i> Dyar & Knab	---; ---; 85. Rock holes in stream beds; ---; 204	Knight & Marks	1952
<i>aureostriata</i> (Graham)	Bromeliads, tree holes; ---; 21	Bonne & Bonne-Wepster	1925
<i>aurites</i> (Theobald)	Bromeliads, tree holes; ---; 21	Dyar	1928 a
	---; July; 24	Senevet & Quievreux	1941
<i>aurivittatus</i> Cerqueira	---; ---; 27	Duret	1950 b
	---; Feb.; 51	Cerqueira	1943
<i>bimaculatus</i> (Coquillett)	---; ---; 204, 262	Stone et al.	1959
<i>busckii</i> (Coquillett)	---; ---; 19, 21	Porter	1967
	Flower-spaths of <i>Heliconia</i> , cacao shells; ---; 23	Bonne & Bonne-Wepster	1925
	Cacao shell; ---; 24	Dyar	1928 a
	Tree holes; ---; 24	van der Kuyp	1948
	---; ---; 91, 127, 240	Lane	1953
<i>calopus</i> Meigen	Wells; enters houses; 240	Dunn	1923
<i>campestris</i> Dyar & Knab	---; semi-arid plains; 204	Stone et al.	1959
<i>camposanus</i> Dyar	---; ---; 99, 240	Stone et al.	1959
<i>canadensis</i> (Theobald)	---; ---; 204	Stone et al.	1959
<i>condoleanae</i> Dyar & Knab	---; ---; 17, 18, 27, 82, 128, 204, 239, 240, 346	Stone et al.	1959
	Rain pools; ---; 22	Root	1922
	---; May; 22	Tulloch	1937

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>condollescens</i> Dyar & Knab (cont.)	Flooded savannahs, artificial containers; in thickets and woods, experimental transmission of yellow fever; 24	Floch & Abonnenc	1945 +
<i>crinifer</i> (Theobald)	---; ---; 27, 51, 82, 99, 237, 240, 325, 328 Ground holes; in woods, all year; 53	Stone et al. Causey & dos Santos	1959 1950
<i>delpontei</i> Martinez & Prosen	---; ---; 27, 51	Stone et al.	1959
<i>dominicii</i> (Rangel & Romero-Sierra)	Bromeliads; all year, bite man by day; 82° ---; ---; 328	Bates Anduze	1945 1943 a
<i>dorsalis</i> (Meigen)	---; ---; 204	Martini	1935
<i>dupreei</i> (Coquillett)	---; ---; 85 ---; ---; 204	Serre Stone et al.	1921 1959
<i>eucephalaesus</i> Dyar	Flooded land, pools, streams; Feb., June, in forest; 130 Rain pools in the woods; ---; 297 ---; March; 297 ---; ---; 328	Floch & Abonnenc Bonne & Bonne-Wepster Dyar Ortiz	1947 b + 1925 1918 1944
<i>euiris</i> Dyar	---; Feb.; 82 Swamps; ---; 328	Dyar Anduze	1922 c 1944
<i>euplocamus</i> Dyar & Knab	---; ---; 82, 137, 240 Ground pools; ---; 85 ---; ---; 99, 204. Rock holes above high tide; June-July; 237. Rock holes above high tide; April, July; 238 Shaded water in wheel ruts; ---; 223 Seepage area, sunlight; in houses, caves, in woods during daytime, at 3,000 feet elevation; 262 ---; ---; 328	Stone et al. Kumm et al. Dyar Woke Kumm & Zuniga Ortiz	1959 1940 1925 c 1947 1942 1944

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>	---; ---; 21	Thompson	1947
<i>fasciatus</i> Fabricius	---; ---; 128, 138	Martini	1935
	---; ---; 204** (In houses)	Vargas	1939
	---; ---; 239	Martini	1931
	---; ---; 346, 352 (Vector of yellow fever)	Martini	1930
<i>flavipes</i> (Macquart)	---; ---; 75	Dyar	1928 a
<i>fluviatilis</i> (Lutz)	---; ---; 27, 51, 85, 223	Stone et al.	1959
	Cement ant rings, rock holes; in houses; 53 (Experimental transmission of yellow fever)	Soper & Serafin	1933
	Ground holes; in woods; 53°	Causey & dos Santos	1950
	Bilgewater; June, Aug.; 53	Townsend	1934
	---; ---; 53, 130, 297 (Rock holes along rivers)	Dyar	1928 a
	---; experimental transmission of yellow fever; 53	Soper et al.	1933
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 53	Davis	1935
	---; experimental vector of yellow fever; 82	Patino- Camargo	1940
	---; experimentally infected with <i>W. bancrofti</i> ; 129	Giglioli	1948 a
	Rock holes, artificial containers, reservoirs; all year, in forest; 130	Floch & Abonnenc	1947 b +
	Water-filled hollows on top of boulders in river bed; ---; 137	Root	1924 +
	---; ---; 204	Lane	1953
	Rock holes along streams and sea coast; May, Oct.; 237. Rock holes along streams and sea coast; Jan.; 238	Dyar	1925 c
	Rock holes above tide level along the shore; ---; 237	Dyar	1925 b
	---; artificially and naturally infected with sylvan yellow fever; 237	Galindo et al.	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES fluviatilis</i> (Lutz)	---; ---; 237°	Galindo et al.	1951 b
	Tree holes, clear pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	Rock holes on edge of river, rain-filled holes in rocks in full sunlight; June; 328	Hecht & Anduze	1944
<i>fulvithorax</i> (Lutz)	---; ---; 51, 82, 329	Stone et al.	1959
	Tree holes; in woods, all year; 53°	Causey & dos Santos	1950
	---; experimentally infected with yellow fever; 53	Whitman & Antunes	1937
	---; bite man in forest; 130°	Floch & Abonnenc	1947 b +
	---; ---; 297° (Tree holes)	Bonne & Bonne-Wepster	1925
<i>fulvus</i> (Wiedemann)	Tree holes; experimentally infected with yellow fever; 328	Hecht & Anduze	1944
	---; ---; 27, 130, 329	Stone et al.	1959
	---; ---; 51, 53, 99, 128, 223, 237, 297 (Rain pools, bites man, in jungle)	Dyar	1928 a
	Ground pools; in woods, all year; 53°	Causey & dos Santos	1950
	Tree holes, upland forest growth, streams; ---; 53	Laemmert et al.	1946
	---; Aug.; 82, 240	Matheson	1934
	---; ---; 138, 204	Martini	1935
	Pools; June-July; 237°. Swamps; ---; 238	Galindo et al.	1951
	---; common in jungle, Aug.; 237. ---; common in jungle, Jan., July, Aug.; 238	Dyar	1925 c
	---; on screens of hospital, July; 237	Dyar	1920
	---; ---; 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>	---; common, Jan., Mar., May-June; 297	Bonne & Bonne-Wepster	1925
<i>fulvus</i> (Wiedemann) (cont.)	---; active day and night; 328	Anduze	1943 a
	---; ---; 328°	Lane	1953
<i>fulvus</i> <i>pallens</i> Ross	---; ---; 18	Stone et al.	1959
<i>grabhami</i> Theobald	Shady places, mangrove swamps, damp meadows, irrigation and drainage ditches; ---; 22	Stage & Pratt	1950
<i>hastatus</i> Dyar	---; ---; 27, 51, 137, 204, 240	Stone et al.	1959
	Stream, with clean water; ---; 53	Lane	1936
	Temporary ground pools, forest pools; ---; 82	Komp	1936
	Ground pools beside slow sunny stream; ---; 85	Kumm et al.	1940
	---; March, Nov., in forest; 130	Floch & Abonnenc	1947 b +
	Surface pools in jungle; ---; 237. Surface pools in jungle; June, Aug., Dec.; 238	Dyar	1925 c
	Rain pools; bite by day in forest; 238°	Galindo et al.	1951
	Rock holes in shade of woods; ---; 328	Hecht & Anduze	1944
<i>hortator</i> Dyar & Knab	---; ---; 51	Stone et al.	1959
	Ground pools; ---; 53	Kumm & Novis	1938
	---; June, in forest; 130	Floch & Abonnenc	1947 b +
	Temporary pools in woods; woods; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297, 329 (Rain pools)	Dyar	1928 a
<i>inequalis</i> Grabham	---; ---; 21	Thompson	1947
<i>infirmatus</i> Dyar & Knab	---; ---; 204	Stone et al.	1959
<i>ioliota</i> Dyar & Knab	---; ---; 328	Anduze	1941
	Tree holes; ---; 329	Dyar & Knab	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>jacobinae</i> Serafim & Davis	---; ---; 53	Lane	1953
<i>knabi</i> (Coquillett)	Tree holes; ---; 204	Dyar	1928 a
<i>kampi</i> Vargas & Downs	---; ---; 204	Stone et al.	1959
<i>lepidus</i> Cerqueira & Paraense	---; ---; 53	Lane	1953
<i>leucocelaenus</i> Dyar & Shannon	---; March, in dense woods; 27	Martinez	1950
	---; ---; 51	Kumm et al.	1946
	Tree holes; all year, common Jan.-Mar., Oct.-Dec., in forest; 53°	Causey & dos Santos	1950
	---; naturally infected with jungle yellow fever; 53, 82, 328, 347	Levi-Castillo	1951 a
	---; ---; 53*	Galindo et al.	1953
	Tree holes; all year, common Aug.-Sept., bite by day; 82°	Bates	1945
	---; Feb., bite man in forest; 130°	Floch & Abonnenc	1947 b +
	Tree holes; March; 237. Tree holes; April-May, July; 238	Dyar	1925 c
	---; ---; 240. Tree holes; ---; 329	Dyar	1928 a
	Tree holes; Nov.-Dec., bites man in forests and woods; 328*	Hecht & Anduze	1944
	---; experimental transmission of yellow fever; 352	Waddell	1949
<i>leucocelaenus</i> <i>clarki</i> Galindo, Carpenter, & Trapido	---; ---; 85, 223, 237	Stone et al.	1959
	---; Jan., June, Aug. & Nov., altitude 400-1000 feet, bites man in forest, possible vector of sylvan yellow fever, Sept.; 237°	Galindo et al.	1953
<i>leucocelaenus</i> <i>leucocelaenus</i> Dyar & Shannon	---; ---; 27, 53	Galindo et al.	1953



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>	Tree holes; ---; 53	Prado	1935
<i>leucomelas</i>			
Lutz	Tree holes, bamboo; ---; 69	Bonne & Bonne-Wepster	1925
<i>leucophoebus</i>	---; July, Aug.; 53	Galindo et al.	1953
Galindo, Carpenter & Trapido			
<i>leucotaeniatus</i>	---; ---; 82, 85, 237	Stone et al.	1959
Komp	Bamboo traps, tree holes; Jan., June-Dec., forest; 237°	Galindo et al.	1951
<i>lithoecetor</i>	Rock holes, ground pools; ---; 85	Kumm et al.	1940
Dyar & Knab			
	---; ---; 204, 237 (Rock holes, saline water)	Dyar	1928a
	---; ---; 223, 329	Stone et al.	1959
<i>lynchii</i>	Rain puddles; ---; 27	Dyar	1919
Brèthes			
	---; common after heavy rain; 27	Dyar	1922a
<i>martineti</i>	---; ---; 130	Stone et al.	1959
Senevet			
<i>mediovittatus</i>	---; ---; 18, 19, 20, 21	Porter	1967
(Coquillett)			
	Artificial containers, tree holes, bamboo; Feb., April, Sept.-Oct., Dec.; 22	Wolcott	1936
	Artificial containers; ---; 23, 328	Dyar	1928a
	Tree holes; ---; 23	Weathersbee	1944 +
	---; ---; 91	Lane	1953
	---; ---; 346	Stone et al.	1959
<i>melanimon</i>	---; ---; 238	Dyar	1926 b
Dyar			
<i>meprai</i>	---; ---; 27	Stone et al.	1959
Martinez & Prosen			
<i>metoecopus</i>	Tree holes; ---; 99	Dyar	1925 b
Dyar			
<i>milleri</i>	---; ---; 27, 51, 99, 240	Stone et al.	1959
Dyar			
	---; Feb.; 82	Dyar	1922 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>mitchellae</i> (Dyar)	---; ---; 204	Stone et al.	1959
<i>monticola</i> Belkin & McDonald	---; ---; 204	Stone et al.	1959
<i>muelleri</i> Dyar	---; ---; 204	Dyar	1920 b
<i>nigromaculis</i> Ludlow	---; ---; 204	Martini	1935
<i>nubilus</i> (Theobald)	---; ---; 17, 329, 347	Dyar	1928 a
	---; ---; 20	Root	1927
	---; crab hole entrance, Sept.; 22	Tulloch	1937
	---; crepuscular, day biter; 53°	Kumm & Novis	1938
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	---; ---; 82	Patino- Camargo	1940
	---; in forest; 85°	Kumm et al.	1940
	---; ---; 223, 346. Surface pools in the jungle; Sept.; 237. Surface pools in the jungle; May-June; 238	Dyar	1925 c
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	---; ---; 352 (Temporary rain pools, common and troublesome to man)	Bonne & Bonne-Wepster	1925
<i>obturbator</i> Dyar & Knab	---; ---; 17, 21, 22	Stone et al.	1959
<i>oligopistus</i> Dyar	---; ---; 27, 51, 53, 329	Stone et al.	1959
	---; Feb., in forest; 130	Floch & Abonnenc	1947 b+
<i>oswaldi</i> var. <i>braziliensis</i> Gordon & Evans	Tree holes; deep forest, Dec.; 53	Gordon & Evans	1922
<i>pennai</i> Antunes & Lane	---; ---; 51	Cerqueira	1943 a
	---; ---; 53°	Antunes & Lane	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Aedes</i>	Rock holes; ---; 85	Dyar	1925 c
<i>perichares</i> Dyar	---; ---; 223	Dyar	1928 a
<i>pertinax</i> Grabham	---; ---; 17, 346 (Ground pools)	Bonne & Bonne-Wepster	1925
	---; ---; 21	Thompson	1947
<i>perventor</i> Cerqueira & Costo	---; ---; 53	Lane	1953
<i>pix</i> Martini	---; ---; 138	Martini	1935
<i>podographicus</i> Dyar & Knab	---; ---; 82	Patino- Camargo	1940
	---; ---; 85	Serre	1921
	---; ---; 99, 328	Dyar	1928 a
	---; ---; 204	Dyar	1921 f
<i>portoricensis</i> Ludlow	Rain pools near a lagoon; bites man by day in mangrove swamp, July-Aug.; 22°	Root	1922
	Salt water pool; ---; 116	Johnson	1924
<i>punctimaculata</i> GuelDI	Shaded pools and streams in dense forest; attracted to light along river banks; 82	Dunn	1929
<i>purpureipes</i> Aitken	---; ---; 204	Stone et al.	1959
<i>quadrivittatus</i> (Coquillett)	---; ---; 51, 82, 99, 128, 204, 328	Stone et al.	1959
	Leaf bases of Bromeliads; ---, 85	Kumm et al.	1940
	---; bite in late afternoon on cloudy days; 237°	Dunn	1934
<i>ramirezi</i> Vargas & Downs	---; ---; 204	Stone et al.	1959
<i>raymondi</i> Del Ponte, Castro & Garcia	---; ---; 27	Stone et al.	1959
<i>rhyacophilus</i> Lima	---; ---; 53	Lane	1953
<i>scapularis</i> (Rondani)	---; ---; 18, 20, 21	Porter	1967

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Aedes scapularis</i> (Rondani) (cont.)	Roadside ditch; ---; 22	Tulloch	1937
	Grassy pools; ---; 27, 53, 346	Shannon	1931
	---; bites man in the hills; 27°	del Ponte	1939
	---; ---; 51, 53, 82, 130, 328, 329, 347 (Temporary rain pools)	Dyar	1928 a
	Swampy depression; possible vector of yellow fever, vicious biters; 53°	Soper et al.	1933
	Ground pools; all year, in woods; 53°	Causey & dos Santos	1950
	Swamps, forest; common; 53	Laemmert et al.	1946
	---; in forests, prevalent during dry season, experimental vector of yellow fever; 53	Causey & Kumm	1948
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 53	Davis	1935
	---; naturally infected with <i>W. bancrofti</i> ; 53*	Manson- Bahr	1959
	---; in houses; 53	Chagas et al.	1937
	---; open jungle; 82*	Komp	1936
	---; ---; 82	Patino- Camargo	1940
	---; all year, near estuaries, in hilly areas; 99°	Campos	1925 +
	---; experimentally infected with <i>W. bancrofti</i> ; 129	Giglioli	1948 a
	Rain pools in partially cleared jungle; ---; 137	Root	1924 +
	---; ---; 204 *	Vargas	1939
	---; ---; 204	Stone et al.	1959
	Rock holes, saline water, irrigation overflows; in forest, bite by day; 237°	Galindo et al.	1951
	---; ---; 237	Dyar	1923 c
	---; ---; 239	Edwards	1922
	Rain pools; ---; 297	Bonne & Bonne-Wepster	1925
	Rain pools; ---; 328	Dyar	1928 a
	Excavations; ---; 32b	Hecht & Anduze	1944

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>scapularis</i> (Rondani) (cont.)	---; ---; 352	Dyar	1922 a
<i>scapularis</i> <i>euplocamus</i> Dyar & Knab	---; ---; 69, 204	Dyar	1922 a
<i>scutellabum</i> Boshell-Manrique	---; ---; 82	Lane	1953
<i>septemstriatus</i> Dyar & Knab	---; ---; 51, 223	Stone et al.	1959
	Tree holes; in forest, Sept.-Dec.; 53°	Causey & dos Santos	1950
	Tree holes; jungle; 82	Komp	1936
	Bamboo; Mar., bite man in forest; 130°	Floch & Abonnenc	1947 b +
	Artificial containers, bamboo traps, tree holes; Jan., Nov., abundant, Aug.-Dec., forest; 237°. ---; ---; 238°	Galindo et al.	1951
<i>serratus</i> (Theobald)	---; ---; 20, 21	Porter	1967
	---; entrances of crab holes, Oct.; 22	Tulloch	1937
	---; ---; 51, 53, 82, 85, 204, 328, 329, 347 (Temporary rain pools)	Dyar	1928 a
	Ground pools; all year, common Jan.-May, Sept.- Dec., in woods; 53	Causey & dos Santos	1950
	---; bite man day and night, experimental transmission of yellow fever; 53°	Pinto	1930
	---; ---; 69, 130	Stone et al.	1959
	Temporary pools; all year, common Jan., Apr.-June, Nov.-Dec., bite mostly by day; 82°	Bates	1945
	---; experimentally infected with yellow fever; 82	Patino- Camargo	1940
	---; infested with <i>Dermatobia</i> ; 82	Bates	1943
	---; bites during day, in woods; 85°	Kumm et al.	1940
	---; ---; 128, 138	Martini	1935
	Pools and ponds; all year, in forest, bite man; 130°	Floch & Abonnenc	1947 b +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>	Rain pools in partially cleared jungle; ---; 137	Roct	1924 +
<i>serratus</i> (Theobald) (cont.)	---; ---; 204*	Vargas	1939
	Surface pools in jungle; July; 237. Surface pools in jungle; Aug., Nov.; 238	Dyar	1925 c
	---; coastal regions, ground level, June; 237	Galindo et al.	1950
	Surface water following rain; ---; 238	Dyar	1924 e
	---; ---; 239	Edwards	1922
	Rain pools; common in woods, day and night biters; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	Puddles, rock holes in shade of forest; May & April; 328	Hecht & Anduze	1944
<i>serlineatus</i> (Theobald)	---; ---; 51	Cerqueira	1943 a
	---; ---; 82, 223, 237	Stone et al.	1959
	---; ---; 128, 204	Martini	1935
	Leaf bases of "Spanish Bayonet"; ---; 328, 329	Dyar	1928 a
	---; coastal regions; 328	Anduze	1943 a
<i>solicitans</i> (Walker)	---; ---; 17 (Saline pools)	Dyar	1928 a
	---; ---; 17, 18, 21 (Salt marshes near the coast, bites man)	Bonne & Bonne-Wepster	1925
	Hoof track with brackish water; bite freely night and day; 22°	Tulloch	1937
	Mangrove swamps, crab holes; ---; 22	Weathersbee	1944 +
	---; Oct.; 22	Wolcott	1936
	Open salt marsh among grass and sedge; bite by day, all year; 48°	Balfour	1925
	Temporary pools with sea water or brackish water; ---; 204	Hoffmann	1934
<i>squamiger</i> (Coquillett)	---; ---; 204	Stone et al.	1959
<i>stenoi</i> Thompson	---; ---; 21	Stone et al.	1959

TABLE 1 - MOSQUITOIS (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>stigmaticus</i> Edwards	---; ---; 27, 51, 53, 204, 239	Stone et al.	1959
<i>stoakesi</i> Evans	---; ---; 18, 21, 27, 51, 53, 75, 82, 91, 99, 129, 204, 239, 328, 329	Kumm	1931
<i>taeniorhynchus</i> (Wiedemann)	---; ---; 17, 18, 91, 138	Kumm	1931
	Salt marshes, close to shore; abundant Apr. through Dec., 11y 4-5 miles from breeding place, vicious biter; 20"	Mink	1933
	Brackish water collections in limestone rock holes; ---; 21	Edwards	1937
	Temporary rain pools; bites by day in mangrove swamp; 22'	Wolcott	1936
	Clean or dirty, fresh or brackish, semi-permanent or permanent pools; ---; 22	Tulloch	1937
	---; active at night; 22	Weathersbee & Bohart	1944
	---; coastal plain; 22	Wolcott	1941
	---; naturally infected with <i>Wuchereria bancrofti</i> ; 23	Manson-Bahr	1959
	---; enters houses; 23	G'Connor & Beatty	1938
	Clear, still, often brackish water without vegetation; Sept., bite man readily, experimental transmission of yellow fever; 24"	Floch & Abonnenc	1945 +
	Near edge of sea; ---; 24	Senevet & Quievreux	1941
	---; ---; 27	Duret	1950b
	Salt water; enter houses; 48"	Balfour	1925
	---; early rainy season, in summer; 53, 240	Shannon	1931
	---; experimentally infected with <i>A. bancrofti</i> ; 53	Davis	1935
	---; experimentally infected with yellow fever; 53	Whitman & Antunes	1937
	Large shallow pools with salt water; enters houses in the evening, Jan.; 82	Dunn	1929
	---; experimental vector of yellow fever; 82	Patino-Camargo	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES taeniorhynchus</i> (Wiedemann) (cont.)	Brackish water, occasionally fresh water pools, near the sea; ---; 85	Kumm et al.	1940
	Marsh and ground pools; ---; 85	Dyar	1921 d
	Shallow, marshy, brackish, putrid pools in full sun; all year; 99°	Campos	1925 +
	Littoral marshes; ---; 99	Dyar	1925 b
	---; Apr.-June, Oct.; 116	Curran	1934
	---; ---; 128, 204	Martini	1935
	Salt water pools along base of sea wall; coast-land, enters houses, Dec., Jan., July, Aug.; 129. Salt marshes; ---; 352	Cleare	1927
	---; ---; 129, 204 (Marshes, pools)	Dyar	1928 a
	---; Jan.-June, Oct.-Nov., rarely in houses, bites man in open during day; 129°	Giglioli	1948
	---; in houses, experimentally infected with <i>Wuchereria bancrofti</i> ; 129	Giglioli	1948 a
	Ditches, pools, swamps, waterholes, with or without vegetation; vicious biter, all year; 130°	Floch & Abonnenc	1947 b +
	---; ---; 130	Leger	1918
	---; ---; 137	Root	1924 +
	---; ---; 204 *	Vargas	1939
	Brackish water pools, stagnant fresh water pools, muddy water, grassy ditches in partial shade or bright sun; in houses, suspected vector of dengue, vicious biter; 223°	Woke	1947
	Brackish pools along the coast; coastal marshes, fly up to 20 miles from breeding grounds, Feb., May-June, Oct.; 237. Brackish pools along the coast; coastal marshes, fly up to 20 miles from breeding grounds, May-Aug., Oct.; 238	Dyar	1925c
	Rainwater in cracks of dried mud, brackish swamps, tidal rock pools; ---; 237°	Chamberlain & Curry	1926
	---; near ground level, July; 237	Galindo et al.	1950
	Tidal marshes, pools; common April-June, in forest; 237°	Galindo et al.	1951



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>	---		
<i>taeniorhynchus</i>	---; most active at dawn and dusk, fly some distance from breeding places to feed; 238°	Zetek	1915
(Wiedemann)	---		
(cont.)	---; June-Aug., Sept., vicious biter; 238°	Siler	1933
	---; in houses, woods during day; 262	Kumm & Zuniga	1942
	Salt water swamp, dirty puddle; in houses, common near the coast, bites day and night; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	Salty lagoons; experimental transmission of yellow fever; 328	Hecht & Anduze	1944
	---; in houses; 328	Dyar	1925 d
	After rains in brackish water; rare; 329	van der Kuyp	1949 a
	---; ---; 346	Stone et al.	1959
<i>taeniorhynchus</i>	---; ---; 21. Roadside trench, saline pools among mangroves, crab holes in forest; in houses; 24	Edwards & Box	1940
var. <i>niger</i>			
Giles			
<i>terrens</i>	---; ---; 27	Duret	1950 b
(Walker)	---; ---; 51	Cerqueira	1943 a
	Tree holes; all year, in woods; 53°	Causey & dos Santos	1950
	---; possible vector of yellow fever, common during dry season; 53	Causey & Kumm	1948
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	---; ---; 69, 352	Stone et al.	1959
	Tree holes; ---; 82	Komp	1936
	---; experimentally infected with yellow fever; 82	Patino-Camargo	1940
	Tree holes; ---; 85	Kumm et al.	1940
	Tree holes; ---; 99	Campos	1925 +
	Tree holes; Jan., Mar., June, Aug.-Sept., marshes and forest; 130	Floch & Abonnenc	1947b +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>	---; transmits yellow fever; 204*	Vargas	1939
<i>terrens</i>	---; ---; 204. Tree holes; Jan.-June, Dec.; 238	Dyar	1925 c
(Walker)	Tree holes, artificial containers; ---; 223°	Woke	1947
(cont.)	Tree and bamboo holes; June-Jan., abundant Aug.-Dec.; 237°. Bamboo traps; ---; 238°	Galindo et al.	1951
	Tree holes, bamboo; forests; 262	Kumm & Zuniga	1942
	Tree holes; bite in daytime; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	Tree holes, rock holes, forest; ---; 328	Hecht & Anduze	1944
	Tree holes; ---; 329	Dyar	1928 a
<i>theloter</i>	---; ---; 204	Martini	1935
Dyar			
<i>thorntoni</i>	Tree holes, bamboos; ---; 69	Bonne & Bonne-Wepster	1925
Dyar & Knab			
	---; ---; 223. Tree holes; March, June; 237. Tree holes; Jan., July-Aug., Dec.; 238	Dyar	1925 c
<i>tormentor</i>	---; ---; 128, 137, 204	Stone et al.	1959
Dyar & Knab			
<i>tortilis</i>	Temporary ground pools; ---; 17, 23	Dyar	1928 a
(Theobald)	---; ---; 18, 19, 20	Porter	1967
	---; ---; 21, 128, 204, 346	Stone et al.	1959
	Field water; ---; 22	Stage & Pratt	1950
	---; May, Sept., Oct.-Nov.; 22°	Tulloch	1937
	---; at high altitudes; 22	Wolcott	1941
<i>tortilis</i>			
<i>auratus</i>	---; ---; 21	Thompson	1947
(Grabham)			
<i>tortilis</i>	---; ---; 19	Dyar	1922 a
<i>balteatus</i>	---; ---; 20	Root	1927
Dyar & Knab			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i>			
<i>tortilis</i> <i>bracteatus</i> Coquillett	---; ---; 18	Dyar	1922 a
<i>tortilis</i> <i>plutocraticus</i> Dyar & Knab	---; ---; 17	Dyar	1922 a
<i>tortilis</i> <i>tortilis</i> Theobald	---; ---; 21	Dyar	1922 a
<i>tortilis</i> <i>virginensis</i> Dyar	---; Aug.; 23	Dyar	1922 a
<i>tracei</i> Senevet & Quiévreux	---; ---; 24	Lane	1953
<i>triseriatus</i> (Say)	---; ---; 204 *	Vargas	1939
<i>trivittatus</i> (Coquillett)	Ground pools; ---; 69	Bonne & Bonne-Wepster	1925
	---; ---; 137	Bequaert	1925
	---; ---; 204	Dyar	1922 a
	---; ---; 237	Dyar	1923 c
	---; ---; 328	Evans	1922
<i>trivittatus</i> <i>cuneatus</i> Dyar & Knab	---; ---; 69, 204. ---; Jan.-March, July, Nov.; 85	Dyar	1922 a
<i>upatensis</i> Anduze & Hecht	Exposed rock holes; ---; 328	Hecht & Anduze	1944
<i>vanandeni</i> Martini	---; active during day; 51	Martinez	1950 a +
<i>varipalpus</i> (Coquillett)	---; at 6,200 feet elevation, Oct.; 204 *	Ross	1943
<i>walkeri</i> (Theobald)	Bromeliads; ---; 21	Dyar	1928 a
<i>whitmorei</i> Dunn	Small, heavily shaded pool with clear stagnant water; ---; 82	Dunn	1918
	---; ---; 328	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>AEDES</i> <i>zoosophus</i> Dyar & Knab	---; ---; 204	Stone et al.	1959
<i>AEDEOMYIA</i> <i>squamipennis</i> (Lynch Arribálzaga)	---; ---; 27, 53, 82, 85, 99, 128, 137, 204, 237, 240, 328, 329, 347 (Weedy swamps and ponds, usually with <i>Pistia</i> )	Lane	1953
	---; Feb., attracted to light at night in canyon; 27	Martínez	1950
	---; Oct.; 27	Mühlens et al.	1925
	---; ---; 51	Cerqueira	1943 a
	Pools; enters houses, June-Oct.; 53°	Townsend	1934
	---; ---; 53, 82, 85, 99, 328, 329 (Water with vegetation, bites man)	Dyar	1928 a
	---; July-Aug., enter houses, attracted to artificial light; 53	Strong et al.	1926
	<i>Pistia</i> plants along river; common all year, active in the evening; 82°	Dunn	1929
	<i>Pistia</i> ; ---; 82	Dyar	1925 a
	Swamps with <i>Pistia</i> ; ---; 85	Kumm et al.	1940
	Permanent wells; all year; 99	Campos	1925 +
	---; bites man day and night, all year; 129°	Giglioli	1948
	---; in houses, experimentally infected with <i>Wuchereria bancrofti</i> ; 129	Giglioli	1948 a
	Pools, swamps, sunny savannahs, lakes with vegetation; July-Aug., in houses; 130	Floch & Abonnenc	1947 b +
	---; ---; 138, 204	Martini	1935
	Stagnant stream with vegetation; ---; 223	Woke	1947
	Pools with <i>Pistia</i> or <i>Chara</i> ; June; 237. Pools, <i>Pistia</i> or <i>Chara</i> ; Jan., April, Aug.-Sept.; 238	Dyar	1925 c
	Water with vegetation; ---; 237	Dyar	1925 b
	---; ---; 239	Edwards	1922
	---; Aug.; 240	Matheson	1934
	Clear water with green algae; enter houses at night; 297	Bonne & Bonne-Wepster	1925
	Lagoons with vegetation; ---; 328	Hecht & Anduze	1944
	---; Along rivers; 328	Dyar	1925 d

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>acanthotorgnus</i> Komp	---; May-July, dark corners of outside walls near sea; 130 ---; ---; 240, 347	Floch & Abonnenc Levi Castillo	1947 + 1949
<i>albimanus</i> Wiedemann	---; ---; 17 Mangrove swamps, brackish water, sluggish streams, lakes and ponds, in brick and borrow pits; experimentally infected with malaria, all year; 18° ---; experimentally infected with <i>Plasmodium vivax</i> and <i>P. falciparum</i> ; 18. ---; ---; 19, 20, 21, 22, 23, 24, 82, 99, 128, 137, 138, 223, 237, 297, 328 (Sunlit fresh, brackish or salt water with aquatic vegetation, enters houses to bite). ---; experimentally infected with <i>P. falciparum</i> ; 68*. ---; naturally infected with malaria; 85. Artificial containers; ---; 204. ---; experimentally infected with <i>P. vivax</i> and <i>P. falciparum</i> , in houses, naturally infected with malaria; 237. ---; naturally infected with malaria; 262 ---; ---; 18*, 19*, 20*, 21*, 22*, 82*, 85*, 127*, 128*, 137*, 138*, 223*, 237*, 240*, 262*, 328*. ---; in low-lying coastal areas; 99*. ---; coastal lowlands and valleys of large rivers; 204*	Porter Carr & Hill Simmons & Aitken Russell	1967 1942 1942 1956
	---; ---; 18, 20, 21, 22, 82, 85, 91, 128, 137, 138, 204, 223, 237, 328, 346 (Sunny ponds and lakes with floating vegetation, pools with algae, hoofprints, seepages, artificial containers)	Komp	1942
	Crab holes; ---; 20. ---; crab holes; 128. ---; April; 238 (Active at twilight, bites man)	Vargas	1950
	---; common Nov.-Jan.; 20	Paul & Bellerive	1947 +
	Fresh water swamps; Oct.-Feb.; 21	Washburn	1933
	---; summer and autumn; 21°	Boyd & Aris	1929
	Permanent and temporary water by rain or irrigation; enters houses, active in the evening and before sunrise, naturally infected with sporozoites, Aug.-Dec.; 22	Earle	1930

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES <i>albimanus</i> Wiedemann (cont.)	Pools, swamps, irrigation ditches, usually unshaded but with some vegetation; July-Sept., bites man in the evening, most abundant near coast and lagoon; 22°	Root	1922
	Clean and brackish water exposed to sunlight, crab holes, mangrove swamps; common on coastal plains in April and Oct., suspected vector of malaria; 22	Stage & Pratt	1950
	Artificial containers, along margins of streams, rivers and ponds, in brackish and in fresh water; ---; 22	Tulloch	1937
	---; ---; 22 (Rain-water barrels, pools, swamps, irrigation ditches with aquatic vegetation, bites man in the evening, important vector of malaria)	Wolcott	1936
	Fresh or brackish water; rare; 23	Wilson	1922
	---; naturally infected with <i>Wuchereria bancrofti</i> ; 23*	Manson-Bahr	1959
	---; experimentally infected with <i>W. bancrofti</i> ; 23	O'Connor & Beatty	1938
	Shady brackish mud pool in fringing forest, sedge-swamp, pools with green algae at the edge of mangrove swamps; ---; 24	Edwards & Box	1940
	River margins; April, near rivers and lagoons, naturally infected with malaria; 27	Mühlens et al.	1925
	---; ---; 53*	Peryassu	1922a +
	---; ---; 53, 325	Stone et al.	1959
	Ditches, furrows, fresh and brackish ponds; in tents, suspected vector of malaria; 68	Weathersbee	1946
	River, lagoons and swampy areas; principal carrier of malaria; 82	Dunn	1929
	---; common during rainy season, active at night, all year, peak July; 82. ---; in houses, all year, peak in June; 238°. ---; Nov.-Dec.; 262	Kumm & Zuniga	1944

---; ---; 82, 99, 240, 328, 347, 352 (Bodies of limpid water, pools, polluted covered irrigation ditches, vegetated swamps, artificial containers, in houses, possible vector of malaria)

Levi  
Castillo 1949

Swamps, seepage areas, hoofprints, ground pools, ditches, borrow pits, stream pools, brackish water, sunny ground pools with or without *Spirogyra*; in houses; 85

Kumm et al. 1940

TABLE 1 - MOSQUITOES (continued.)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES	---; Sept.-Feb.; 85. ---; ---; 237	Kumm	1941
albimanus	---	Christophers	1924
Wiedemann (cont.)	---; ---; 91	Levi Castillo	1945
	Fresh water sunlit pools, clean or dirty, leaves of plantains and coconut husks, creeks with <i>Spirogyra</i> , <i>Pistia</i> , near dark places by day; enters houses, attracted by light, Nov.-June; 99	Levi Castillo	1946
	---; enters houses, bites man especially at dusk. 99°	Roy & Brown	1954
	---; carrier of malaria; 127	De Leon	1940 +
	Hoofprints, near spring in sandy plain with little vegetation; ---; 128°	Leger	1919
	---; ---; 130	Ram	1942
	Swamps, roadside drains and irrigation ditches, margins of brackish creeks, ricefield, pools with vegetation; ---; 139°	Kumm & Ram	1941
	---; naturally infected with malaria, common, enters houses; 138	Hoffmann	1934
	Tanks and troughs with much floating algae, never in deep shade, edges and backwaters of rivers; enters houses; 204°	Vargas & Martinez Palacios	1955
	---; all year; 204	Woke	1947
	Fresh water pools, hoofprints, wheel ruts, ditches, trenches, borrow pits, marshes, stream pools, artificial containers; in houses, bites at night, in shady places during day; 223*°	Baxter & Zetek	1944
	Clean, sunny, still or running fresh or brackish water; all year, common, enters houses, naturally infected with malaria; 237°	Clark et al.	1941
	Floating vegetation in river; Sept.-Feb., enters houses; 237	Curry	1925
	Shallow vegetation covered areas of lakes and tidal swamps; ---; 237	Galindo et al.	1951
	---; bites by day in forest; 237°	Shropshire & Zetek	1927
	Fresh sunlit water, brackish water, artificial containers, treeholes; in houses from dusk until dawn; 238*°		

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES albimanus</i> Wiedemann (cont.)	Shallow water along shore-line; suspected vector of malaria, experimentally infected with <i>Plasmodium falciparum</i> , indoors, common; 238	Simmons	1937
	Large bodies of water containing vegetation; suspected important malaria carrier, March, June, Oct.-Dec.; 238	Dyar	1925 c
	Salt marshes; common; 238	Zetek	1915
	---; infected with sporozoites; 238	Walker & Barber	1914
	Sunny ditches, borrow pits, seepage areas, among vegetation in pools at sides of streams, rivers and ponds; ---; 262	Kumm & Zuniga	1942
	---; common in less than 450 meter altitude, infected with sporozoites; 262	Sutter & Suniga	1942
	Lagoons, flood pools along river margins, irrigation canals, culverts, shallow marshy ponds with or without vegetation, artificial containers, hoofprints, in turbid or clear, temporary or permanent waters exposed to sunlight; all year, common June-Oct., enter houses, bite at night, naturally infected with malaria; 328°	Cova-Garcia	1951
	---; ---; 328*, 346	Cova Garcia	1943
	---; ---; 329*, 347*	Lane	1953
	---; ---; 329	Rozeboom	1942
<i>albimanus bisignatus</i> Hoffmann	Sunny river pools at high altitudes; ---; 128	De Leon	1940
	---; ---; 204	Senevet	1948
<i>albimanus trisignatus</i> Hoffmann	Sunny river pools at high altitudes; ---; 128	De Leon	1940
	---; ---; 204	Senevet	1948
<i>albitarsis</i> Lynch- Arribáizaga	---; ---; 21	Thompson	1947
	Ground pools, borrow-pits, footprints; enters houses, Feb., Oct.; 27	del Ponte	1943
	In streams and lagoons; ---; 27	Shannon & Davis	1927
	---; bites in afternoon; 27°	del Ponte	1939
	---; enters houses, March; 27	Davis & Shannon	1928



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES albitarsis Lynch- Arribáizaga (cont.)	---; possible vector of malaria; 27, 53, 239, 325, 328, 347. Bodies of water of any type, clean or dirty, but not shaded; ---; 352	Levi-Castillo	1949
	---; ---; 27, 53, 239, 328 (Carrier of malaria)	Kumm	1929
	---; in houses; 51	Hart et al.	1948
	Along edges of dam shaded by trees and with little vegetation, exposed outlets and abandoned ditches; enters houses, active at night, Oct.-Dec.; 53°	Barretto	1940
	Excavations, natural pools; common, enters houses, day and night, bites in forest; 53°	Pinto	1930
	---; experimentally infected with <i>Plasmodium vivax</i> , <i>P. falciparum</i> , March-April, May; 53	da Fonseca & da Fonseca	1943
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 53	Davis	1935
	---; bites man in the open; 53*. ---; ---; 82*. ---; suspected vector of malaria; 239. ---; ---; 329*	Russell	1956
	Grassy ground pools; ---; 82	Komp	1936
	---; Feb.-April, Nov.; 82	Bates & de Zulueta	1949
	---; ---; 85, 128	Stone et al.	1959
	Ponds, drains, temporary rain water collection; ---; 129	Bruce et al.	1943
	---; in houses, bites man outdoors; 129°	Giglioli	1948
	---; experimentally infected with <i>W. bancrofti</i> ; 129	Giglioli	1948 a
	Fresh, clean, sunny, still waters; rarely in houses, naturally infected with malaria, all year; 237	Baxter & Zetek	1944
	Sunny stream pools, ponds with aquatic vegetation in full sunlight; April-May; 238	Komp	1942
	---; ---; 325	Hackett	1945
	Large or small collections of clear or turbid water, fresh water with or without vegetation, usually in sunlight, rain pools, lagoons, pits or holes filled by ground water, swift streams, irrigation canals; all year, common June-Oct., enters houses, bites at night; 328°	Cova-Garcia	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>albitarsis</i> Lynch Arribáizaga (cont.)	Swamps; suspected vector of yellow fever; 328	Hecht & Anduze	1944
<i>albitarsis</i> <i>albitarsis</i> Arribáizaga	Grassy banks of clear running streams and clear spring water seepages, ricefields in rainy season; ---; 329	de Verteuil	1931
<i>albitarsis</i> <i>albitarsis</i> Arribáizaga	Rivers, calm water; March-April; 27*	Mühlens et al.	1925
	---; ---; 27, 69 (Swamps, woods)	Lane	1953
	Everywhere except shade; common; 53	Deane et al.	1946 a
	---; in houses, carrier of malaria; 53°. ---; ---; 237	Rozeboom	1942
	Stream pools, sunny ponds with vegetation; ---; 85	Kumm et al.	1940
<i>albitarsis</i> <i>domesticus</i> Galvao & Damasceno	---; forest, enter houses; 53*	Lane	1953
<i>albitarsis</i> <i>limai</i> Galvão & Lane	---; rarely enters houses, common; 53	Deane et al.	1946
<i>annulipalpis</i> Lynch Arribáizaga	---; ---; 27, 53, 325 (Water with <i>Typha</i> , rare)	Levi- Castillo	1949
<i>anomalophyllus</i> Komp	---; ---; 82, 237. Streams of shaded moving water; rare; 352	Levi- Castillo	1949
	Stream pools; ---; 85	Kumm et al.	1940
	---; ---; 85, 237 (Grassy stream margins)	Komp	1942
	---; ---; 85, 237 (Small shaded streams, rare)	Simmons & Aitken	1942
	Fresh, clear, shaded running water; rare; 237°	Baxter & Zetek	1944
<i>anoplus</i> Komp	---; experimentally infected with <i>Plasmodium</i> <i>vivax</i> ; 53	Da Fonseca & Da Fonseca	1943
	---; ---; 82, 297 (Water in Bromeliads)	Simmons & Aitken	1942
	---; ---; 329	Stage & Gilette	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>antunesi</i> Galvão & Amaral	---; ---; 27	Duret	1950 b
	---; in woods; 53°	Boyd	1949
	---; ---; 53, 347. Small pools in dry stream beds, shaded; ---; 352	Levi- Castillo	1949
<i>apicimacula</i> Dyar & Kneb	---; ---; 51, 53, 99, 240, 347. Shady water, riverbeds with much vegetation; ---; 352	Levi- Castillo	1949
	---; rare; 82	Komp	1936
	---; ---; 82, 85, 128, 129, 138, 204, 237, 262, 297, 328, 329 (Shaded ground pools, pools in sluggish streams, swamps). Pools outside forests; at high and low altitudes; 128°. ---; rare in dwellings; 237°	Simmons & Aitken	1942
	---; ---; 82, 85, 128, 137, 138, 237, 328, 329 (Jungle pools in deep shade, swamps, pools in shaded slow streams)	Komp	1942
	Streams, pools, seepage areas, ditches, swamps, artificial containers, hoofprints; ---; 85	Kumm et al.	1940
	Shallow marshy pools with vegetation, rain pools; Feb.-June; 99°	Levi- Castillo	1945
	Pools; ---; 128°	Giaquinto Mira	1936
	---; near houses; 129°. Small pools in woods; enters houses at night to bite; 297°	Bruce et al.	1943
	---; March-June, Aug., Oct.-Dec.; 204	Vargas & Martinez Palacios	1955
	Fresh, clean, shaded, still or running water; all year, common April-Feb., rare in houses; 237	Baxter & Zetek	1944
	Sheltered, grassy pools with clear water; ---; 237	Curry	1925
	---; forest, near ground, bite by day; 237°	Galindo et al.	1951
	Streams in hills; ---; 238	Curry	1928
	Ground pools; Dec.; 238	Dyar	1922 d
	---; experimentally infected with <i>Plasmodium</i> <i>falciparum</i> ; 238	Simmons	1937
	Shaded springs, sunny ground pools with vegetation; ---; 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>apicimacula</i> Dyar & Knab (cont.)	Small pools in woods; enters houses at night; 297°	Bonne & Bonne-Wepster	1925
	Irrigation canals or ditches, slow-flowing rivers or brooks, rain pools, seepage areas, pools formed by drying of streams or flooding of rivers, in clear or turbid, temporary or permanent water with or without vegetation, usually somewhat shaded; all year, rarely enter houses; 328	Cova-Garcia	1951
	---; ---; 346	Christophers	1924
<i>aquasalis</i> Curry	---; suspected vector of malaria; 23. ---; ---; 23, 129, 329 (Brackish water). Collections of fresh water; ---; 329	Rozeboom	1942
	---; experimentally infected with <i>Plasmodium falciparum</i> , in houses, naturally infected with malaria; 24°. ---; naturally infected with malaria; 53, 82. ---; in houses; 129. ---; ---; 223. Fresh water in shade or sunlight, brackish swamps along sea coast; experimentally infected with <i>P. falciparum</i> ; 237. Ricefields; in houses, naturally infected with malaria; 329*°	Simmons & Aitken	1942
	---; ---; 24*, 127*. ---; possible vector of malaria in the coastal zones; 297. ---; ---; 329*	Russell	1956
	Small, sunlit or partially shaded collections of water, sometimes fresh, but usually brackish, ponds, ditches, lagoons, borrow pits; in houses; 53°	Deane et al.	1948
	Brackish and fresh water along coastal areas; ---; 53, 130	Causey et al.	1945
	---; common in houses, Jan.-Feb.; 53	de Lucena	1946
	---; abundant in houses; 53*	Deane et al.	1946
	---; naturally and experimentally infected with <i>Anopheles falciparum</i> ; 53	Causey et al.	1945 a
	---; possible vector of malaria; 53, 82, 99, 328, 347, 352 (Bodies of salt water with vegetation, especially salt water inlets, enter houses)	Levi Castillo	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES aquasalis</i> Curry (cont.)	Brackish waters in the coast, sunny places; enters houses, Jan.-June; 99°	Levi Castillo	1945
	---; possible vector of malaria; 99	Levi Castillo	1946
	---; all year; 99	Campos	1929 +
	Brackish water; in houses; 129°	Giglioli	1948
	Shallow drains with clear water; ---; 129	Bodkin	1921 +
	---; carrier of and experimentally infected with <i>Wuchereria bancrofti</i> ; 129	Giglioli	1948 a
	Any collection of fresh and brackish water; all year, bite man in woods, occasionally in houses, naturally and experimentally infected with malaria; 130°	Floch & Abonnenc	1947 +
	---; ---; 204, 325	Lane	1953
	---; ---; 223, 237, 329, 346 (Enters houses, bites man, vector of malaria). Shaded or sunlit brackish tidal swamps; ---; 237. Fresh water in ricefields; ---; 329	Russell et al.	1943
	Brackish water in mangrove swamps; ---; 237, 329. Saline swamps; ---; 238	Komp	1942
	---; in forests, bites by day; 237°	Galindo et al.	1951
	---; common; 237	Baxter & Zetek	1944
	Impounded lakes; ---; 238	Siler	1933 +
	---; common in coastal areas, in houses, suspected vector of malaria; 29°	van der Kuyp	1949
	Open, sunny, salty water with scant vegetation near seashore; Nov.-April; 328	Gabaldon et al.	1940
	Any collection of still, non-polluted water, fresh or salty; all year, bite at any time; 329°	De Verteuil	1931 +
	Along the coast in swamps and inland fresh water collection; ---; 329*	Rozeboom & Laird	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	Water with floating vegetation; ---; 329°	Anonymous	1944 +
<i>aquasalis</i> (Curry) (cont.)	Brackish water, coastal swamps, fresh water streams, ponds and dams; ---; 329	Stage & Gillette	1947
<i>argyritarsis</i> Robineau-Desvoidy	---; ---; 21	Thompson	1947
	---; experimentally infected with oöcysts of <i>Plasmodium falciparum</i> , naturally infected with malaria; 23. ---; ---; 23, 27, 53, 82, 85, 128, 137, 138, 204, 223, 237, 239, 242, 328, 329 (Ground pools, hoofprints, springs, pools in stream beds, shade or sunlight). ---; suspected vector of malaria; 53. Artificial containers; rarely in houses; 237. ---; suspected carrier of malaria; 329	Simmons & Aitken	1942
	---; ---; 23, 27, 53, 129, 130, 137, 204, 223, 239, 297, 328, 329 (Carrier of malaria)	Kumm	1929
	Pools with green algae at the edge of sluggish streams; ---; 24	Edwards & Box	1940
	Shallow, rapid, sunlit rivers, stream pools; enters houses at night; 24°	Cochrane	1942 a
	Grassy margins of sunlit running streams; all year; 24	Earle	1933
	Tree holes; ---; 24	Francois- Julien	1930
	---; suspected vector of malaria; 24	Cochrane	1942
	---; experimentally infected with <i>Plasmodium</i> <i>falciparum</i> , March; 24. ---; experimentally infected with oöcysts; 237	Da Fonseca & Da Fonseca	1943
	On algae along river, puddles; July, Oct.; 27	Shannon & Davis	1927
	Clear running water; ---; 27	Martinez	1950
	Pockets of clear water among growths of grass; March, May, Dec.; 27	Davis & Shannon	1928
	Ditches with vegetation; ---; 27	Del Ponte	1943
	---; bites man especially in the afternoon; 27°	Del Ponte	1939
	---; possible vector of malaria; 27, 53, 82, 325, 328, 347 (Mountain streams, lowland streams, hoofprints)	Levi Castillo	1949
	---; ---; 51	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES argyritarsis</i> Robineau-Desvoidy (cont.)	Shallow pools, small swamps, overflows and abandoned ditches exposed to the sun; Oct.-Dec., enters houses, most active at sunset; 53°	Barretto	1940
	Water exposed part of the day, ponds, pools, puddles with or without vegetation, open wells; Feb.-June; 53	Root	1926
	Mountainous and lowland streams and pools; common; 53	Deane et al.	1946 a
	Shady, rocky pool; naturally infected with malaria; 53*	Davis	1926
	Tiny marsh, with grasses and aquatic plants; ---; 53	Root	1927 a
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 53	Davis	1935
	---; ---; 53, 82, 129, 130, 328 (Hoofprints and pastures, small seepages from streams)	Bruce et al.	1943
	---; ---; 53, 204, 238, 346 (Small ground pools, artificial containers)	Dyar	1925 c
	---; at 2000 meters elevation; 75	Hackett	1945
	Edges of small streams at an elevation at 3000 feet, cattle tracks and small pools; along river banks, transmits malaria; 82*	Dunn	1929
	Grass ground pools; ---; 82	Komp	1936
	---; Jan., March-April, Aug., Nov.-Dec.; 82	Bates & Zulueta	1949
	Running streams, pooled streams and seepage areas, borrow pits, rock holes, artificial containers; in houses; 85°	Kumm et al.	1940
	---; ---; 85, 128, 137, 223, 237, 328, 329, 346 (Shaded rocky stream pools, seepages, hoofprints, springs)	Komp	1942
	---; ---; 127*, 328*	Russell	1956
	Artificial container; clear streams; 129	Bodkin	1921
	---; enters houses, inside bed nets; 137. ---; common in jungle; 233	Komp	1941
	---; Jan., March-July, Sept.-Dec.; 204	Vargas & Martinez Palacios	1955

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>argyritarsis</i> Robineau-Desvoidy (cont.)	---; ---; 204*	Bustos-Castellanos et al.	1949
	Clean, fresh, sunny and shaded, running and still water; all year, common Jan.-Feb., rarely in houses; 237*	Baxter & Zetek	1944
	---; within 1/2 mile of breeding place, experimentally infected with malaria; 237	Curry	1925
	Small ground pools, artificial container; Jan.-March, May-June, Oct.-Dec.; 238	Dyar	1925 c
	---; naturally infected with malaria, in houses; 238	Simmons	1937
	Small streams, land pools, lakes and artificial pools; ---; 240	Shannon	1930
	Sunny ditches, borrow pits, swamps, seepage areas, streams, hoofprints; ---; 262	Kumm & Zuniga	1942
	Ground pools and swamps with green algae; houses in the interior, naturally infected with malaria oöcysts; 297	Bonne & Bonne-Wepster	1925
	Irrigation canals or ditches, springs, stream pools, fast streams, seepage areas, pits filled by ground water, rain pools, lagoons, in slow current of rivers and brooks, in turbid or clear, temporary or permanent fresh water with or without vegetation, in sun or shade; all year, common July-Oct., enters houses; 328	Cova-Garcia	1951
	Irrigation ditches; ---; 328	Anduze	1943 a
	Swamps; ---; 328	Hecht & Anduze	1944
	---; Aug.-Sept.; 328	Anduze	1943
<i>argyritarsis</i> <i>argyritarsis</i> Robineau-Desvoidy	Grassy ditches, sugar cane fields, rarely in bromeliads, heavily vegetated swamps; in forest; 24	Floch & Abonnenc	1945 +
<i>argyritarsis</i> var. <i>brasilienensis</i> Chagas	---; ---; 53	Christophers	1924
<i>argyritarsis</i> <i>andersoni</i> Causey, Deane, Deane & Sampaio	Mountain forest pools; ---; 53	Deane et al.	1946



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>atropos</i> Dyar & Knab	Brackish water swamps along coast; ---; 18	Carr & Fernández Melendez	1942
	---; ---; 18 (Salt marsh areas, enters houses at night to bite, experimentally infected with <i>Plasmodium vivax</i> )	Simmons & Aitken	1942
	---; ---; 18 (Permanent pools in salt marshes, bites by day)	Russell et al.	1943
	---; ---; 21	Thompson	1947
	---; ---; 204	Martini	1935
<i>asteous</i> Hoffman	---; ---; 204*	Russell	1956
<i>bachmanni</i> Petrocchi	---; ---; 27	del Ponte	1939
	---; experimentally infected with <i>Muchereria</i> <i>bancrofti</i> ; 53	Davis	1935
	---; July; 53°	Lane	1936
	---; ---; 82	Patino- Camargo	1940
	Streams; ---; 85	Kum et al.	1940
	---; experimentally infected with <i>Plasmodium</i> <i>vivax</i> ; 238	Simmons	1937
	---; ---; 328 (Pond with <i>Pistia</i> )	Dyar	1928 a
<i>bachmanni</i> <i>davisi</i> Paterson & Shannon	---; ---; 27	Shannon	1931 a
<i>bachmanni</i> <i>perezii</i> Shannon & Del Ponte	---; ---; 27	Shannon	1931 a
<i>bambusicolus</i> Komp	---; ---; 27	Duret	1950 b
	Bamboo joints; ---; 53, 82	Lane	1953
	---; possible vector of malaria; 53, 82, 99, 328, 347 (Bamboo holes, pools with vegetation)	Levi Castillo	1949
	---; March; 53°	Rachou & Neto	1950
	---; rare; 99	Levi Castillo	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>barberi</i> Coquillett	---; Oct.; 204	Vargas & Martinez Palacios	1955
	---; ---; 204 (Bites man, experimentally infected with <i>Plasmodium vivax</i> )	Simmons & Aitken	1942
	---; ---; 204 (Tree holes, occasionally shaded artificial containers)	Russell et al.	1943
<i>bathanus</i> Dyar	---; ---; 82, 99, 240, 328, 347. Streams with vegetation and floating leaves; rare; 352	Levi Castillo	1949
	---; ---; 85. Edges of swift running streams; ---; 237. Potholes in soft coral rock; ---; 238	Dyar	1928 a
	Streams in hills; Dec.; 238	Curry	1928
<i>bellator</i> Dyar & Knab	---; ---; 24, 346	Christophers	1924
	Artificial containers, Bromeliads; enters houses, low susceptibility to <i>Plasmodia</i> ; 53	Davis	1926
	---; bites man in the open; 53°. ---; ---; 329°	Russell	1956
	---; possible vector of malaria; 53, 328, 347 (Bromeliads, tree holes)	Levi Castillo	1949
	---; ---; 53, 328 (Bites in shade of forest during daytime and at night). Bromeliads; forests, June-Aug., enters houses, in bed nets, naturally infected with malaria; 329°	Simmons & Aitken	1942
	Uncut bamboo stems, Bromeliads; ---; 82	Komp	1936
	---; in houses, bites man outdoors; 129°	Giglioli	1948
	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925
	Bromeliads, tree holes; in houses, bites by day and night commonly between 4:00 and 8:00 p.m., experimentally and naturally infected with <i>Plasmodium</i> ; 329°	Roulebois & Laird	1942
	---; experimentally infected with oocysts and sporozoites; 329	Da Fonseca & Da Fonseca	1941
<i>bellator</i> var. <i>hylephillus</i> Dyar & Knab	---; ---; 99, 328	Christophers	1924
<i>bellator</i> var. <i>solis</i> Howard, Dyar & Knab	---; ---; 239	Christophers	1924

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	Exposed or partially shaded ponds; ---; 53	Deane et al.	1946 a
<i>benarrochi</i> Gabaldon, Cova-Garcia & Lopez	---; ---; 82	Bates & de Zulueta	1949
	---; ---; 328	Anduze	1942
	Forest pools, exposed or partially shaded with organic matter; ---; 352	Levi Castillo	1949
<i>boliviensis</i> (Theobald)	---; in houses, bite man at night, Jan.; 51°	Martinez	1949 +
	---; ---; 51, 82 (Bromeliads, forest)	Boyd	1949
	---; ---; 51, 82, 240 (Bite by day in jungle, suspected vector of malaria). Bromeliads; ---; 82	Simmons & Aitken	1942
	Bromeliads; all year, common June, diurnal and crepuscular, bites in evening; 82°	Bates	1945
	---; infested with <i>Dermatobia</i> ; 82	Bates	1943
	Bromeliads; enters houses, suspected of carrying malaria; 99°	Levi Castillo	1945
	---; diurnal but taken once at night; 328	Anduze	1943 a
	---; Aug.-Sept.; 328	Anduze	1943
<i>bonneae</i> Root	---; ---; 53, 347. Streams with floating vegetation; ---; 352	Levi Castillo	1949
	---; ---; 82	Patino- Camargo	1940
	---; bite by day; 297°	Dyar	1928 a
<i>bonnei</i> Fonseca & Ramos	---; ---; 297	Ston et al.	1959
<i>bradleyi</i> King	---; all year; 204	Vargas & Martinez Palacios	1955
<i>braziliensis</i> (Chagas)	---; ---; 51, 329, 347	Stone et al.	1959
	---; common July-Aug.; 53	Townsend	1934
	---; ---; 53, 82, 129, 297, 328	Lane	1953
	Flooded sunny savannahs, pools, streams, temporary ponds, ricefields; Mar.-Dec., common July-Oct., bite man in houses and forests; 130°	Floch & Abonnenc	1947 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS, ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>bustamenti</i> Galvão	---; ---; 53	Stone et al.	1959
<i>canorii</i> Floch & Abonnenc	---; Feb., in woods; 130	Floch & Abonnenc	1947 +
	---; ---; 347	Levi Castillo	1949
<i>celidopus</i> Dyar & Shannon	---; in woods near river; 53°	Strong et al.	1926
<i>cenireus</i> Theobald	---; ---; 53	Evans & Walker	1935 +
<i>chiriquiensis</i> Komp	---; ---; 82, 237 (Tree holes, streams)	Levi Castillo	1949
	Pools in slowly running streams in shade and in sunlight; ---; 85	Kumm et al.	1940
	Hill stream, high altitudes above 2500 meters; ---; 128	Hackett	1945
	Cold spring among rocks, tree holes, stream banks; at 6,500 feet elevation; 237	Komp	1936 a
<i>clarki</i> Komp	---; ---; 27, 53	Komp	1943
<i>coronator</i> <i>camposi</i> Dyar	---; ---; 99	Lane	1953
<i>costalis</i> Fonseca	---; ---; 53. Shaded water in forest; ---; 352	Levi Castillo	1949
<i>crucians</i> Wiedemann	---; ---; 17	Porter	1967
	Swamps, shaded places of open water; naturally infected with sporozoites, probable vector of malaria, July-Aug., Oct.-Nov.; 18°	Carr & Hill	1942
	Swamps; naturally infected with malaria; 18	Vargas	1950
	Ground pools, saline pools; ---; 18, 204	Dyar	1928 a
	Brackish swamps along coast; ---; 18	Carr & Fernandez Melendez	1942
	---; possible vector of malaria; 19	Russell	1956
	---; ---; 20, 91, 137, 346. Fresh water; ---; 21	Komp	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>crucians</i> Wiedemann (cont.)	Fresh water among horizontal vegetation; possible vector of malaria; 21°	Boyd & Aris	1929
	Brackish water, hoofprints; ---; 22	Tulloch	1937
	---; ---; 82	Patino- Camargo	1940
	---; ---; 128, 137, 138, 223	Stone et al.	1959
	Brackish water along edges of mangrove swamps; seldom enters houses, bites on cloudy days; 204°	Hoffmann	1934
	---; Feb.-April, Sept., Nov.-Dec.; 204	Vargas & Martinez Palacios	1955
	---; indoors; 328	Gonzales Rincones	1916
<i>crucians</i> <i>braaeleyi</i> King	---; ---; 204 (Coastal brackish water pools)	Simmons & Aitken	1942
<i>crucians</i> <i>crucians</i> Wiedemann	---; ---; 18, 21 (Stagnant, fresh water, salt marshes and swamps, experimentally infected with <i>Plasmodium vivax</i> and <i>P. falciparum</i> , carrier of malaria)	Simmons & Aitken	1942
	---; ---; 21, 137, 204 (Stagnant fresh water pools; enter houses, bite day or night)	Russell et al.	1943
	---; ---; 128, 137, 138, 223 (Swamps and marshes with vegetation)	Brennan	1951
<i>crusii</i> Dyar & Knab	---; in houses, Jan.-July, Dec., experimentally infected with oöcysts; 53	Da Fonseca & Da Fonseca	1943
	---; experimentally infected with <i>Plasmodium</i> <i>vivax</i> , 53	Da Fonseca & Correa	1942
	---; bites man in the open; 53*	Russell	1956
	---; suspected vector of malaria; 53, 347. Bromeliads, tree holes, bamboo; ---; 352	Levi Castillo	1949
	---; ---; 53, 85, 99, 204, 240, 297 (Bromeliads)	Dyar	1928a
	---; ---; 82	Patino- Camargo	1940
	Leaf bases of <i>Tillandsia</i> ; June; 237. Leaf bases of <i>Tillandsia</i> ; Jan.-Feb., May, July, Dec.; 238	Dyar	1925c
	Leaves of <i>Ananas magallana</i> ; ---; 238	Dyar	1928
	---; ---; 328	Stone et al.	1959

TABLE 1 - MOSQUITOES (cont. (ued))

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---; Feb., June, in houses; 53	Basseres	1943 +
<i>cruzi</i>	---		
<i>cruzi</i>	---; ---; 53*, 85, 99, 237, 240, 328	Lane	1953
Dyar & Knab			
<i>cruzi</i>			
<i>lanceolatus</i>	---; in houses at dusk and night, Jan.; 51°	Martinez	1949 +
Correa & Cerqueira	---		
	---; ---; 53	Stone et al.	1959
<i>darlingi</i>	---; possible vector of malaria; 27, 53, 82, 99, 240, 325, 328, 347. Collections of exposed or shaded water, often vegetated; domestic; 352	Levi Castillo	1949
Root			
	---; ---; 27, 53, 82, 128, 129, 130, 137, 138, 328 (Pools and lagoons with vegetation, shaded water with low salt content). ---; naturally infected with and suspected vector of malaria; 53. ---; naturally infected with malaria; 82, 138. ---; suspected vector of malaria; 129. ---; in houses, naturally infected with and suspected vector of malaria; 328	Simmons & Aitken	1942
	---; ---; 27, 128, 138, 328 (Among mats of surface vegetation, shaded, clear, fresh water of lagoons, overflows, enters houses and bites man, vector of malaria)	Russell et al.	1943
	---; ---; 51*. ---; bites man in the open; 53*. ---; in the plains; 82*. ---; ---; 128*, 129*, 138*. ---; suspected vector of malaria; 204, 239, 297. ---; ---; 328*	Russell	1956
	---; ---; 51. ---; infected with malaria; 53. ---; enters houses; 69°, 352°. ---; enters houses; 128. ---; enters houses, Nov.; 137. Stream pools along creek; enters houses, in jungle, in shaded places, inland, March, Aug., Nov.; 138	Komp	1941
	Side bays, mats of surface vegetation in lagoon, in shade in deep water with little or no current; enters houses, carrier of malaria; 53. ---; carrier of malaria; 129, 274. Roots, debris or vegetation at shady edges of quiet pools in slowly running streams, borrow pits; Aug.; 138	Kumm & Ram	1941
	Small side bay of river, small river channel with rapid current, lagoons with almost no current, small pools with vegetation, road pools; May-July; 53	Root	1926
	Swamps and large bodies of deep, still water, in regions of high humidity and much rainfall; along river valleys; 53	Deane et al.	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>darlingi</i> Root (cont.)	River margins, ground pools; May-Aug., common May-June; 53	Townsend	1934
	Collections of sunlit or shaded water during dry and rainy seasons; ---; 53	Deane et al.	1946 a
	Large sunlit swamps with vegetation, also shaded swamps, cart-tracks, pits, water holes, tanks; ---; 53	Boyd	1949
	---; experimentally infected with oöcysts, Jan., Feb., March-June, experimentally infected with sporozoites, May, June; 53. ---; experimentally infected with oöcysts, experimentally infected with sporozoites, all year; 328	Da Fonseca & Da Fonseca	1943
	---; naturally infected with sporozoites and oöcysts; 53. ---; Sept.-Oct.; 204	Vargas	1946
	---; naturally infected with <i>Wuchereria</i> <i>bancrofti</i> ; 53	Davis	1935
	---; ---; 53*, 129*	Manson- Bahr	1959
	---; ---; 92, 128, 137, 138, 328 (Ditches, stream pools, ponds, seepages, foot prints, in full sun or partial shade)	Komp	1942
	---; ---; 99*	Levi Castillo	1946
	Shallow drains filled with rain water, flooded pit latrines, irrigated cane fields; naturally and experimentally infected with <i>W. bancrofti</i> , carrier of malaria and filariasis; 129*	Giglioli	1948a
	Irrigation ditches, forest pools; in houses, bite man from dusk to dawn, all year; 129*	Giglioli	1948
	Exposed or shaded clear, fresh water in swamps with algae and vegetation, rain water; ---; 129	Bruce et al.	1943
	Sunny or partly shaded water with or without vegetation, ponds, streams, swamps and flooded areas; all year, common May-Sept.; 130*	Floch & Abonnenc	1947 +
	---; enters houses; 138 (Bites man)	Kumm et al.	1943
	Standing or flowing, sunny or shaded, fresh or brackish, turbid or clear, temporary or permanent water, usually with vegetation in irrigation canals or ditches, rivers or streams with fast or slow current, lagoons, flood pools by river margins, pools in pits, rain pools, seepage, stream beds, hoofprints, artificial containers; domestic, rest in open or slightly shaded places by day; 328*	Cova-García	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---; plains; 328	Cova-García	1943
<i>darlingi</i>	---		
Root	---; ---; 352 (Bites man, vector of malaria)	Del Ponte	1940
(cont.)			
<i>darlingi</i>			
<i>darlingi</i>	---; in houses, common in coastal areas; 297	van der Kuyp	1949
Root			
<i>darlingi</i>			
<i>pauistensis</i>	---; Oct.-Dec., enters houses; 53	Barretto	1940
Galvão, Lanc & Corrêa			
<i>dunhami</i>	---; ---; 53	Causey	1945
Causey			
<i>carlei</i>	---; ---; 204	Senevet	1948
Vargas			
<i>orientalis</i>	---; ---; 21, 82, 85, 91, 128, 137, 138, 204, 328, 329 (Pools in rocky streams, coconut shells, bamboo joints, tree holes)	Komp	1942
Coquillett			
	---; ---; 51, 53, 32, 99, 237, 240, 328 (Small bodies of water, tree holes, artificial containers, obscure places in forest)	Levi Castillo	1949
	Small pools, tree holes, artificial containers, in forest; ---; 53	Deane et al.	1946a
	---; March, Jan.-July, experimentally infected with <i>Plasmodium falciparum</i> ; 53. ---; experimentally infected with <i>Plasmodium vivax</i> ; 237	Da Fonseca & Da Fonseca	1943
	---; naturally infected with <i>Leptomonas anophelini</i> ; 53	Da Fonseca & Da Fonseca	1942
	---; ---; 53, 82, 85, 99, 137, 138, 204, 237, 297, 328, 329 (Tree holes, bamboo, small pools beside streams, coconut husks, shaded rocky pools, bites man in evening)	Simmons & Aitken	1942
	Tree holes; common in jungle; 82	Komp	1936
	Stream pools, ditches, seepage areas, hoofprints, tree holes, coconut shells, Bromeliads; ---; 85	Kumm et al.	1940
	Stagnant water with <i>Spinygyra</i> or <i>Pistia</i> , rock holes; ---; 99	Levi Castillo	1945
	Swamps, rock holes, tree holes, fallen leaves; bites man by day; 128°	Boyd	1949



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Anopheles</i> <i>biannulatus</i> Coquillett (cont.)	Tree holes, artificial containers, water with decaying vegetable matter; all year; 130	Floch & Abonnenc	1947 +
	---; all year; 204	Vargas & Palacios Martinez	1955
	Rock hole in stream bed in dense shade; ---; 223	Woke	1947
	Bamboo traps, tree holes, artificial containers, ground pools covered with leaves; in tree buttresses, bites by day; 237°	Galindo et al.	1951
	Fresh, clean, shaded still water; common in Sept.-Oct., rare in houses; 237	Baxter & Zetek	1949
	Rock pools; ---; 237	Curry	1925
	---; suspected transmitter of malaria; 237	Davis	1926
	Shaded pools; ---; 238	Curry	1931
	---; experimentally infected with <i>Plasmodium</i> <i>vivax</i> ; 238	Simmons	1937
	Spring in a cave; ---; 262	Kumm & Zuniga	1942
	Pools in dry rocky creek beds; bites man in the evening; 297°	Bonne-Wepster & Bonne	1921
	Pools in streambed, palm sheaths on ground, tree holes, woods; common; 297	Bonne & Bonne-Wepster	1925
	Tree holes, fallen leaves, swift or slow flowing rivers or streams, pools by river margins or in drying stream beds usually in clear permanent waters, more or less shaded, artificial containers; rest in dark places; 328	Cova-Garcia	1951
	---; anthrophilic, Aug.-Sept.; 328	Anduze	1943
	---; ---; 328°	Anduze	1943 a
<i>amillanus</i> Komp	Coastal areas; ---; 53, 130	Causey et al.	1945
<i>evadrei</i> Lima	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANAPHELES</i> <i>evansae</i> (Brèthes)	---; ---; 27, 82, 85, 129, 130, 204 Streams, shallow pools or tiny marsh, with grasses and other aquatic plants; ---; 53 Puddles; rare, in bushes; 53° ---; ---; 237, 239, 328 (Ground pools, side pools of streams, marshes and seepage areas with much vegetation)	Stone et al. Root Pinto Dyar	1959 1927 a 1930 1928 a
<i>evansae</i> var. <i>albertoi</i> Unti	---; ---; 53	Stone et al.	1959
<i>evansae</i> var. <i>arthuri</i> Unti	---; ---; 53	Stone et al.	1959
<i>evansae</i> var. <i>lloydi</i> Unti	---; ---; 237	Stone et al.	1959
<i>evansae</i> var. <i>ramosi</i> Unti	---; ---; 53	Stone et al.	1959
<i>fajardoi</i> (Lutz)	Swift mountain streams, among grass stems on edge of water; ---; 27, 55 ---; ---; 53, 347. Streams with floating vegetation; ---; 352 ---; ---; 82 ---; ---; 297	Dyar Levi Castillo Patino- Camargo Bonne-Wepster & Bonne	1928 a 1949 1940 1923 a
<i>fausti</i> Vargas	Tree holes; April & May; 204 ---; ---; 223 Deep, narrow tree holes; Apr., June-March; 237	Vargas Stone et al. Galindo et al.	1943 1959 1951
<i>fluminensis</i> Root	---; ---; 27, 51, 82, 99, 240. Shaded streams; rare; 352 Along the edges of small brook in coastal low- lands; June; 53 ---; bite man at night; 53°	Levi Castillo Root Pinto	1949 1927 b 1930

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>freeborni</i> Aitken	---; July, Aug., Oct.; 204	Vargas & Martinez Palacios	1955
	---; ---; 204 (Fresh, clear water from irrigation ditches and water pipes, seepages, enters houses, bites man)	Russell et al.	1943
<i>gabalaoni</i> Vargas	---; ---; 128	Lane	1953
	Shallow, shaded rain water pools; in forest, enters houses at night, Sept.-Dec., 204°	Vargas & Martinez Palacios	1946
	---; Feb.-April, July, Oct.-Nov.; 204	Vargas & Martinez Palacios	1955
<i>galvaoi</i> Causey, Deane & Deane	Shaded forest pools; ---; 352	Levi Castillo	1949
<i>gambiae</i> Giles	Sun exposed ground waters, pools with or without vegetation, streams with algae, animal tracts, well-pits, bad pools, ricefields, muddy stagnant partially shaded pools, irrigation ditch with <i>Pistia</i> ; in houses; 53°	Soper & Wilson	1943
	---; naturally infected with oöcysts and sporozoites, May; 53	Da Fonseca & Da Fonseca	1943
<i>gilesi</i> (Peryassú)	Small, shaded collections of fresh, clear, cold running water with some organic matter; bite at dusk; 53°	Deane et al.	1943
	Clear, shaded, cool moving water in mountain forests; ---; 53	Deane et al.	1946 a
	Pools; July, Aug.-Sept.; 53	Deane et al.	1948
	---; inland; 82	Russell et al.	1943
<i>guelzii</i> Rozeboom & Gabaldon	Exposed or partially shaded muddy pools and small lagoons; common; 53	Deane et al.	1946 a
	---; rarely enters houses; 53°	Deane et al.	1946
	---; ---; 32°	Anduze	1941
	---; ---; 347. Streams, pools, near river, shaded, ---; 352	Levi Castillo	1949

TABLE 1 - MOSQUITOES (CONTINUED)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>Anopheles</i> <i>grubbsi</i> — Theobald	Fresh water; Feb.-April, June-July, Nov.; 18	Carr & Hill	1942
	---; ---; 18, 20, 21, 22, 91, 346 (All types of water, prefer shade)	Komp	1942
	---; ---; 18, 19, 20, 21, 22, 23 (Coral rock holes, stagnant water, streambed pools, rock holes, swamps, pastures, bite at night). ---; naturally infected with oöcysts; 21. ---; experimentally infected with <i>Plasmodium falciparum</i> and naturally infected with oöcysts; 22	Simmons & Aitken	1942
	---; ---; 19*	Menor & Ortega	1934
	Shaded streams, ricefields; all year, common Jan.-Mar.; 20	Hoffmann	1927a
	Temporary pools, fresh and brackish water, swamps, rockpools; ---; 21	Boyd	1949
	---; Oct.-Feb.; 21	Washburn	1933
	Shaded streams, ditches, crab holes, brackish mangrove swamps; all year; 22. Open concrete cisterns; ---; 23	Weathersbee	1944 +
	Shaded water with much aquatic vegetation; bite in evening, on coast; 22°	Root	1922
	Shaded mangrove, reeds, grasses and sugar cane; Jan.-Mar.; 22	Earle	1930
	Brackish water; common; 22	Wolcott	1941
	---; experimentally infected with malaria; 22	Del Ponte	1940
	---; ---; 24°	Hayes	1930 +
	---; ---; 91	Kumm	1929
	---; ---; 257	Lane	1953
<i>Anopheles</i> Shannon	---; in houses; 53	Dyar	1928 a
<i>Anopheles</i> Arduze & Capdevielle	---; ---; 328	Lane	1953
<i>Anopheles</i> Claquinto-Mira	Troughs and wells, muddy water; experimentally infected with malaria; 128°	Claquinto-Mira	1936 +
	---; highlands; 128*	Vargas et al.	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>hectoria</i> Gilaquinto-Mira (cont.)	---; ---; 128, 204 (Troughs, wells, small rain pools, permanent ponds, bites man, suspected vector of malaria)	Simmons & Aitken	1942
	---; March-April, Aug.; 204	Vargas & Martinez Palacios	1955
	Debris and grass in stream pools, wells, muddy water; ---; 262	Kumm & Zuniga	1942
<i>homunculus</i> Komp	---; probable vector of malaria; 53, 82, 328, 347 (Bromeliads, tree holes, rain pools)	Levi Castillo	1949
	---; naturally infected with malaria; 53	Pinotti et al.	1947 +
	Bromeliads; ---; 82	Simmons & Aitken	1942
	Bromeliads in jungle; ---; 328	Anduze	1942a
	Bromeliads; ---; 329	Stage	1947
	---; woods, enters houses, suspected vector of malaria; 329	Boyd	1949
<i>hylephilus</i> Dyar & Knab	Water held by certain plants; rare; 237	Curry	1925
	Bromeliads; ---; 297	Bonne-Wepster & Bonne	1921
<i>linini</i> Senevet & Abonnenc	---; ---; 130	Senevet	1948
	---; ---; 347. Artificial dike among vegetation; rare; 352	Levi Castillo	1949
<i>intermedius</i> (Peryassú)	Bodies of water, forest pools; ---; 27, 53, 325	Levi Castillo	1949
	Shaded pools; bite at night; 53°	Boyd	1949
	Shaded water with dense vegetation; ---; 53. ---; ---; 297	Simmons & Aitken	1942
	Forest ponds or pools; ---; 53	Deane et al.	1946 a
	---; experimentally infected with <i>Plasmodium falciparum</i> , March, Jan.-July; 53	Da Fonseca & Da Fonseca	1943
	---; in houses, bite man in forests by day; 53°	Kumm & Novis	1938

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---; ---; 128, 138	Lane	1953
<i>intermedius</i>	---; ---; 129°	Bruce et al.	1943
(Peryassú)	Temporary pools in forest; Apr.-Sept., on walls, bite man; 130°	Floch & Abonnenc	1947 +
(cont.)	---; ---; 234, 347	Stone et al.	1959
	Pools and streams in forest, country; rare; 329	Stage	1947
<i>kerteszia</i>	---; ---; 53*	Manson- Bahr	1959
<i>aquasalis</i>			
<i>kerteszia</i>	---; naturally infected with <i>Luehereria banerofti</i> ; 53*	Manson- Bahr	1959
<i>bellator</i>			
<i>kampi</i>	Forest streams; ---; 51, 82, 99, 237, 240, 352	Levi Castillo	1949
Edwards			
	Shaded streams with fresh, cold water with fallen leaves; in houses; 53	Deane et al.	1948
	Small, shaded, fresh, clear, cold running water with organic matter; ---; 53	Deane et al.	1943
	Forest streams; ---; 53	Deane et al.	1946 a
	---; ---; 53, 85, 238 (Bites man). Hill stream, heavily shaded ditch, swamps along rivers; ---; 238	Simmons & Aitken	1942
	Fresh water, sunny or shaded pools and swamps; ---; 129	Bruce et al.	1943
	---; May, in forest; 130	Floch & Abonnenc	1947 +
	Fresh, clean, shaded, still and running water; Jan.-March, Dec., rare; 237°	Baxter & Zetek	1944
	Shaded stream pools; Jan.; 237	Komp	1942
	---; ---; 297	Stone et al.	1959
	Rivers and streams with little or no current, pools in swift streams with clear water and with some vegetation; ---; 328	Gova-Garcia	1951
<i>konderi</i>	Forest ponds and pools; common; 53	Deane et al.	1946 a
Galvão & Damasceno			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>lanceolatus</i> Correa & Cerqueira	---; ---; 53. Bromeliaceae and epiphytic plants, tree holes; ---; 352	Levi Castillo	1949
<i>lancei</i> Galvão & Amaral	---; ---; 27	Duret	1950 b
	---; in woods; 53	Boyd	1949
	Permanent limpid water with little vegetation; ---; 352	Levi Castillo	1949
<i>lutaii</i> Cruz	---; ---; 27	Duret	1950 b
	Puddles; in bushes; 53°	Pinto	1930
	Backwaters with grasses and other vegetation; ---; 53	Root	1927 a
	---; Feb.-Mar.; 53	Basseres	1943 +
	---; ---; 239	Stone et al.	1959
	Shaded water containing rotting vegetation; ---; 352	Levi Castillo	1949
<i>maculipennis</i> Meigen	---; enters houses; 53	Davis	1926 a
<i>maculipennis</i> <i>astecus</i> Hoffmann	Canals, irrigation ditches, foul water in pools; in houses, suspected vector of malaria; 204	Simmons & Aitken	1942
<i>maculipes</i> (Theobald)	---; ---; 18, 237, 328	Lane	1953
	---; ---; 21	Gowdey	1926 +
	---; ---; 27, 53, 239, 325. Swamps, bodies of shaded water; ---; 352	Levi Castillo	1949
	Pools; ---; 52	Bonne & Bonne-Wepster	1925
	---; experimentally infected with <i>Plasmodium</i> <i>falsiparum</i> , Jan.; 53	Da Fonseca & Da Fonseca	1943
	---; rare; 53°	Pinto	1930
	---; ---; 53, 329 (Shaded pools, feed at night)	Boyd	1949
	---; ---; 69, 204, 329. ---; Aug.; 237. ---; Jan., March-May, July-Sept., Dec.; 238	Dyar	1925 c
	Pools; June, bite man; 130°	Floch & Abonnenc	1947 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	Tree stumps; ---; 238	Walker & Barber	1914
<i>malefactor</i>	---		
Lyar & Knab	---		
	---	Simmons	1937
<i>matogrossensis</i>	---		
Lutz & Naiva	---		
	---	Levi Castillo	1949
	Pools, exposed small lagoons; rarely in houses; 53°	Deane et al.	1943
	Lagoons in forest; ---; 53	Deane et al.	1946 a
	Marsh; ---; 53. ---; ---; 82. Open swamps; indoors; 240. Drainage ditches, small rain-water pools; ---; 328°	Simmons & Aitken	1942
	---		
	---	Townsend	1934
	---		
	---	Deane et al.	1946
	---		
	---	Russell et al.	1943
	Flooded pools along river margins, rain pools, rivers and streams with or without current, pits, lagoons, clear or turbid water, with or without vegetation, in sun or shade; in houses; 328	Cova Garcia	1951
<i>mediopunctatus</i>	---		
(Theobald)	---		
	---	Russell et al.	1943
	---		
	---	Levi Castillo	1949
	---		
	---	Laemmert et al.	1946 +
	---		
	---	Lane	1936
	---		
	---	Townsend	1934
	Shallow, leafy, jungle pool; ---; 82	Simmons & Aitken	1942
	Shaded water; Apr.-June, enter houses; 99	Levi Castillo	1945 +
	Small clear forest pools; ---; 129°	Bruce et al.	1943
	Temporary pools in forest with decaying vegetable matter; Jan.-Apr., June-Aug., in forest, rarely bites man, on walls; 130	Floch & Abonnenc	1947 +



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>mediopunctatus</i> (Theobald) (cont.)	Small pools mostly in woods; coastal and interior; 297	Bonne & Bonne-Wepster	1925
	---; enters houses; 297	Bonne-Wepster & Bonne	1921
	---; bite at twilight and at night; 328°	Collier	1928
	---; jungle; 329°	Rozeboom & Laird	1942
<i>minor</i> Lima	Margins of rapid streams, rock pools, stream pools, temporary pools; ---; 53	Boyd	1949
	Slightly running water; ---; 53	Deane et al.	1946 a
	---; ---; 239, 297	Lane	1953
<i>neivai</i> Howard, Dyar & Knab	---; ---; 51, 328	Stone et al.	1959
	---; ---; 53, 85, 99, 130, 262 (Bites man)	Simmons & Aitken	1942
	---; ---; 82. Bromeliads, tree holes; ---; 352	Levi Castillo	1949
	Bromeliads; ---; 85	Kumm et al.	1940
	Tree holes, Bromeliads; Jan.-July; 99	Levi Castillo	1945
	Bromeliads; bites man at night; 130°	Floch & Abonnenc	1947 +
	---; March, July; 204	Vargas & Martinez Palacios	1955
	Bromeliad; ---; 223	Woke	1947
	Fresh water; rare in houses July-Feb.; 237°	Baxter & Zetek	1944
	Fish, Bromeliads; ---; 237	Komp	1942
	Bromeliads; ---; 238	Curry	1937
	Bromeliads; ---; 297	Bonne-Wepster & Bonne	1921 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES neomaculipalpus</i> Curry	---; experimentally infected with malaria; 27	Duret	1950 a +
	---; rare; 53	Deane et al.	1946
	---; ---; 53, 82, 99, 237, 240, 328, 347 (Sunny bodies of water, swamps with vegetation, stagnant water, wild species)	Levi Castillo	1949
	---; ---; 82, 85, 237, 328, 329 (Hoofprints, wheel ruts, grassy pasture pools, polluted water, Oct.-Nov.)	Komp	1942
	Exposed ground pools, ditches, hoofprints, ponds; in houses; 85	Kumm et al.	1940
	---; Feb.-March, Dec.; 204	Vargas Martinez Palacios	1955
	---; experimentally infected with malaria; 204. ---; Nov.-Dec.; 238. ---; ---; 328*	Vargas	1942
	Exposed grassy pools; rainy season; 223	Woke	1947
	Sunlit, foul water in hoofprints, depressions in marshy pastures; experimentally infected with <i>Plasmodium vivax</i> ; 237	Simmons & Aitken	1942
	Exposed fresh, dirty, stagnant water; all year; 237	Baxter & Zetek	1944
	Sunlit polluted water in hoof tracks; experi- mentally infected with <i>P. vivax</i> ; 236	Simmons	1937
	Hoofprints in marshy pastures; ---; 238	Curry	1931
	---; ---; 239	Stone et al.	1939
	Ground pools, small temporary ponds, with or without <i>S. froggata</i> ; 262	Kumm & Zuniga	1942
	Flood pools along margins of rivers, irrigation canals or ditches, rain pools, seepage areas, pits, lagoons, in clear or turbid, fresh or slightly brackish, usually temporary water often with vegetation, in sun or shade; rarely enter houses; 328	Cova Garcia	1951
	Pools, ricefields; suspected vector of malaria; 329	Stake & Gillette	1947
	Slow streams or seepage areas with clear water, isolated muddy pools and streambeds, ricefields in rainy season; ---; 329	De Verneuil	1931

TABLE 3 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---; ---; 27	Duret	1950 b
<i>nigritarsis</i>	---; ---; 53	Prado	1927
Chagas	---; ---; 51	Stone et al.	1959
<i>nimbus</i>	Fresh, cold running water, with some vegetation and algae, exposed to sun; in houses; 53°	Deane et al.	1948
(Theobald)	Shaded pools, small spring fed swamp; ---; 53. Shaded pools, rock enclosed springs; ---; 238	Shannon & Davis	1930
	Forest streams; ---; 53	Deane et al.	1946 a
	---; common; 53	Deane et al.	1946
	---; ---; 53, 237, 347 (Shaded rock and enclosed spring)	Dyar	1928 a
	Flowing streams, large swamps, small pools; ---; 129. Permanent pools; bites man in woods during daytime; 297°	Bruce et al.	1943
	---; common; 129. Jungle; rare; 329	Rozeboom & Laird	1942
	---; ---; 129, 328, 329 (Shaded, rock enclosed spring)	Simmons & Aitken	1942
	Shaded or sunny temporary pools and flooded savannahs; tree holes, rarely bite man; 130°	Floch & Abonnenc	1947 +
	---; Jan., rare; 238. ---; ---; 347	Dyar	1925 c
	River or streams with or without current, usually clear and permanent water with vertical vegetation, in shade; ---; 328	Cova-Garcia	1951
<i>nimbus</i>	---; ---; 237	Komp & Curry	1932
var. <i>kampi</i>	---; ---; 27, 325	Stone et al.	1959
Edwards	Shaded lagoons, overflows, marginal stream pools; ---; 53°	Boyd	1949
<i>nordestensis</i>	---; common; 53	Deane et al.	1946 a
Galvão & Lane	---; June-July; 53	Coutinho & Ricciardi	1945
	---; ---; 53°	Pinotti et al.	1947 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---; ---; 51, 347	Stone et al.	1959
<i>nuñez-tovari</i>	Pools exposed to sun, muddy, stagnant water, small lagoons; enter houses; 53°	Deane et al.	1948
Gabaldon	Muddy pools, small lagoons; ---; 53	Deane et al.	1946a
	---; naturally infected with <i>Plasmodium</i> ; 82	Rey & Renifo	1950
	---; ---; 129	Lane	1953
	Ponds and streams with vegetation; ---; 130	Floch & Abonnenc	1947 +
	Ricefields, swamps; ---; 297	van der Kuyp	1949
	---; in woods; 328	Boyd	1949
	---; ---; 347. Streams, pools, shady forest pools and river banks; ---; 352	Levi Castillo	1949
<i>occidentalis</i>	In cold water; naturally infected with malaria, in houses, Nov.; 204*	Dampf	1936
Dyar & Knab			
<i>viketorakras</i>	---; ---; 82. Small bodies of water, mountain river bed pools; ---; 352	Levi Castillo	1949
Osborne-Mesa			
<i>oswaldoi</i>	---; ---; 27, 82, 85, 347	Stone et al.	1959
(Peryassú)	Exposed or partially shaded water; in houses, suspected vector of malaria; 53	Deane et al.	1948
	Artificial containers, shaded swamps; seldom bite man; 53°	Boyd	1949
	Shaded pools or lagoons; common; 53	Deane et al.	1946a
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 53	Causey et al.	1945a
	---; experimentally infected with <i>Plasmodium falciparum</i> , Apr.; 53	Da Fonseca & Da Fonseca	1943
	---; ---; 53, 237, 328, 329 (Shaded fresh water in jungle swamps, pools or stagnant streams, bites man in jungle). ---; in houses, in jungle; 237°	Simmons & Aitken	1942
	---; June-July; 53	Contino & Richardi	1945
	---; possible vector of malaria; 99	Levi Castillo	1946

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>axillol</i> (Peryassú) (cont.)	Small sunny pools, wind swept and clear; ---; 129	Bruce et al.	1943
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 129	Giglioli	1948 a
	Heavily vegetated water, small ponds and streams; all year, common Aug.-Nov., bites man in forest; 130°	Floch & Abonnenc	1947 +
	Fresh, clean, shaded still water; Aug.-Nov., rare in houses; 237°	Baxter & Zetek	1944
	Fresh water; ---; 237. Shaded swamps; July-Aug.; 238. Edges of pools in small stream; common at the end of rainy season; 328	Komp	1942
	---; in forest, bites by day; 237°	Galindo et al.	1951
	---; coastal and interior, seldom enter houses, common at the end of rainy season; 297	van der Kuyp	1949
	Flood pools along river margins, pools in drying stream beds, rain pools, seepage areas, pits filled by ground water, lagoons, rivers or streams with or without current, ditches, marshy ponds, in turbid or clear, fresh or slightly brackish water, usually with vegetation in sun or shade; all year, common July-Oct., rarely enter houses; 328	Cova-Garcia	1951
	Swamp; Nov.; 328	Hecht & Anduze	1944
	Streams, rivers, swamps, ground pools, artificial stock pond with grassy margins; ---; 329°	Rozeboom & Laird	1942
<i>axillol</i> <i>axillol</i> Unti	---; experimentally infected with <i>Plasmodium vivax</i> ; 53	Da Fonseca & Da Fonseca	1943
<i>axillol</i> <i>guaracensis</i> Ramos	Along coastal areas influenced by tidal sea water; ---; 53, 130	Causey et al.	1945
	---; in houses, experimentally infected with <i>Plasmodium falciparum</i> and <i>P. vivax</i> , all year; 53*	Da Fonseca & Da Fonseca	1943
<i>axillol</i> <i>metcalfi</i> Galvao & Lane	Coastal areas influenced by tidal sea water; ---; 53, 130	Causey et al.	1945
	---; experimentally infected with oöcysts, sporozoites; 53	Da Fonseca & Da Fonseca	1943
	Shaded forest pools; ---; 352	Levi-Castillo	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>oswaldoi</i> <i>oswaldoi</i> (Peryassú)	---; in houses, experimentally infected with <i>Plasmodium vivax</i> and <i>P. falciparum</i> , naturally infected with malaria, transmits malaria; 53*	Da Fonseca & Da Fonseca	1943
	---; bites man in the swamps at night; 237	Rozeboom	1942
<i>parapunctipennis</i> Martini	---; ---; 85, 128, 237 (Cold mountain streams and springs, in highlands)	Simmons & Aitken	1942
	---; ---; 204	Stone et al.	1959
	Fresh, clean still water; rare; 237	Baxter & Zetek	1944
<i>parapunctipennis</i> var. <i>guatemalensis</i> Leon	---; ---; 85	Senior-White	1950 +
	---; ---; 128, 204	Stone et al.	1959
<i>parapunctipennis</i> <i>parapunctipennis</i> Martini	Cold mountain streams and springs; tree holes; 204	Dampf	1939
	---; March, May-Sept., Dec.; 204	Vargas & Martínez Palacios	1955
<i>parvus</i> (Chagas)	---; ---; 27, 328	Stone et al.	1959
	Mountain forest pools and streams; ---; 53	Deane et al.	1946 a
	Backwaters with grasses and other aquatic plants; ---; 53	Root	1927 a
	---; July-Sept.; 53°	Lane	1936
	---; possible vector of malaria; 51, 53. Small pools among vegetation; in shaded spots; 352	Levi Castillo	1949
	Swamps, lagoons of savannas formed by seepage water; bites early in the evening; 82°	de Zulueta	1950
<i>peryassui</i> Dyar & Knab	---; ---; 51, 53, 82, 99, 240, 328, 347. Large bodies of limpid sunny, shady water with vegetation, exposed rivulets; in forest; 352	Levi Castillo	1949
	Clear water exposed to sunshine, with vegetation and algae, partially shaded brooks; ---; 53	Deane et al.	1946 a
	Spring-fed swamps, marshes; ---; 53. ---; bush near dwellings; 129°	Bruce et al.	1948
	---; in houses; 53	Deane et al.	1948
	Base of palms; ---; 82	de Zulueta	1950
	---; ---; 82, 240, 297 (Spring-fed swamps)	Simmons & Aitken	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>perysseui</i> Dyar & Knab (cont.)	Exposed excavations, flooded savannas; indoors; 130°	Floch & Abonnenc	1947 +
	Spring-fed swamps, sedge and cattail marshes; ---; 240°	Russell et al.	1943
	---; ---; 297°	Bonne & Bonne Wepster	1925
	Rivers or streams with or without current, lagoons, marshes with vegetation, flood pools along river margins, stream beds or rain pools, culverts, shallow marshy ponds with vegetation in full or partial sunlight; Jan.-Dec., peak July-Oct.; 328	Cova-Garcia	1951
<i>pesoai</i> Galvão & Lane	Collections of clean water with grass and algae, exposed or partially shaded; in houses, possible vector of malaria; 53	Deane et al.	1948
	---; naturally infected with malaria, outdoor biter, July and Aug.; 53°	Deane et al.	1946
	---; Oct.-Dec.; 53	Barretto	1940
	---; ---; 53, 82, 328 (Open shallow pools with vegetation)	Simmons & Aitken	1942
	---; ---; 130	Senevet	1948 a
	Spring, rainpools, ditches, exposed lagoons with vegetation; enters houses; 328	Cova-Garcia	1951
	---; possible vector of malaria; 328, 347. Collection of rain water; ---; 352	Levi Castillo	1949
	---; rare; 329	Stage & Gilette	1947
<i>piotipennis</i> (Philippi)	Rare; ---; 27, 53	Russell et al.	1943
	Rocky stream pools with vegetation; ---; 75	Dyar	1928 a
	---; in woods; 75	Boyd	1949
	Small shaded pools with vegetation; ---; 352	Levi Castillo	1949
<i>pseudomaculipes</i> Peryassé	---; ---; 53, 82, 325	Stone et al.	1959
	---; ---; 297	Bonne-Wepster & Bonne	1923 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
ANOPHELES <i>pseudopunctipennis</i> Theobald	Common in sunny pools covered with algae, stream beds, mangrove swamps; all year; 24	Earle	1933
	---; ---; 24*, 27*. ---; vector of malaria, in highlands; 128*. ---; enters houses, naturally infected with malaria, June-Mar.; 204°. ---; experimentally infected with malaria; 237*	Vargas et al.	1941
	---; ---; 24, 27, 68, 137, 138, 204, 329 (Drying stream pools in mats of <i>Spirogyra</i> in full sunlight, ground pools)	Komp	1942
	Restricted in permanent fresh water; efficient carrier of malaria; 27. Quiet pools with green algae along margins of rivers, springs, stream beds and irrigation ditches; common in houses, Jan.-July, peak Mar. and July; 240	Shannon	1930
	In ravines and plains with fresh water, during dry season in springs of mountains, on algae along river dikes and small puddles; all year; 27	Shannon & Davis	1927
	Reservoir, grassy margins, fairly clear water, ditch; enters houses, Jan., Mar.-June, Dec.; 27	Davis & Shannon	1928
	---; May, at 1850-2180 meters high; 27. ---; at 8,500 feet; 51. High altitudes; ---; 75*. Common, upland; ---; 82. ---; July, common during dry season; 240. Unshaded pools, clean, fresh water with green algae, along margins in beds of hill streams, in lower altitudes, in seepages and marshes during rainy season; ---; 352*	Hackett	1945
	---; possible vector of malaria; 27, 51. ---; ---; 53, 75, 82, 99, 237, 240, 328, 347. Small bodies of water, among rocks on shores of rivers and streams with <i>Spirogyra</i> ; in houses; 352 (Bites man, vector of malaria)	Levi Castillo	1949
	---; enters houses, naturally infected with malaria, bites in the afternoon and through the night, common, Feb.-Mar.; 27°	Del Ponte	1939
	---; ---; 51*, 82*, 99*, 128, 223*, 240*, 262*. ---; at low and moderate elevations, under semi-arid and subtropical conditions; 204*	Russell	1956
	Pools, swamps and rivulets; enters houses; 53°, 75°	Boyd	1949
	Streams; common in semi-arid regions, rarely in houses, readily bites man; 82°	Dunn	1929
	Pools in nearly dry stream bed; ---; 82	Dyar	1924 c



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>pseudopunctipennis</i> Theobald (cont.)	In pools; ---; 82. Swamps; ---; 99. Among algae; ---; 204. Rain pools; ---; 238*. ---; ---; 239*. Fresh water; ---; 262	Shannon et al.	1927
	Ground pools, ditches, hoofprints and seepage areas, pooled streams and edge of slowly running rivers with green algae; ---; 85	Kumm et al.	1940
	---; July; 85. ---; June; 238. ---; common during dry season, Jan.; 262	Kumm & Zuniga	1944
	Sunny pools with <i>Spirogyra</i> , irrigation ditches, hoofprints, drains; in houses after dark; 99	Levi Castillo	1945a
	Puddles, in road, burrow pits near rivers, pools; Nov.-Feb.; 99	Levi Castillo	1944
	Hot springs; ---; 99	Leon	1949
	Hoofprints, near spring in sandy plain with little vegetation; ---; 128	de Leon	1940
	Temporary pools, bogs, volcanic lakes with little vegetation, muddy water; ---; 129	Giaquinto Mira	1936
	Rice fields; ---; 204°	Bordas & Downs	1951
	Up to 6,000 feet elevation, clear waters; ---; 204	Hoffmann	1936
	Surface pools, temporary pools; common during rainy seasons, May; 237. Surface temporary pools; Feb.-June, Nov.; 238	Dyar	1925c
	Fresh clean, shaded still water; all year, peak Jan.-Mar.; 237	Baxter & Zetek	1944
	Small streams, ditches and pools with algae in sun; rarely enters houses; 238	Curry	1925
	---; common, suspected vector of malaria, experimentally infected with <i>Plasmodium vivax</i> and <i>P. falciparum</i> ; 238	Simmons	1937
	---; Dec.-Feb.; 238	Anduze	1943c
	Swamps, ditches, hoof prints, rocky pools near rivers, riverbeds, <i>Spirogyra</i> ; enters houses; 240°	Wille	1933
	Fresh water lagoons filled with algae and vegetation; ---; 240	Westphal & Horton	1946
	Ground pools, edges of slowly running streams and rivers with green <i>Spirogyra</i> in sun or in shade; ---, 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>pseudopunctipennis</i> Theobald (cont.)	Large and small collections of flowing or still, turbid or clear, temporary or permanent water, with or without vegetation, fresh or somewhat brackish water, artificial containers, leaf axils, irrigation ditches, cisterns and hoofprints; all year, common July-Oct., enter houses, artificially infected and suspected vector of malaria; 328	Cova-Garcia	1951
	Pools in riverbed; ---; 328	Dyar	1925 d
	---; ---; 328*	Cova-Garcia	1946
	---; ---; 346	Rozeboom	1942
<i>pseudopunctipennis</i> var. <i>bifoliata</i> Osorno-Mesa & Muñoz-Sarmiento	---; ---; 82	Stone et al.	1959
<i>pseudopunctipennis</i> <i>boydi</i> Vardi	---; ---; 204	Senevet	1948
<i>pseudopunctipennis</i> <i>franciscanus</i> McCracken	---; June-Aug.; 204	Vargas & Martínez Palacios	1955
<i>pseudopunctipennis</i> <i>levicastilloi</i> Levi Castillo	Sunny swamps, puddles and ground pools with clean water with vegetation, <i>Spirogyra</i> , <i>Pistia</i> ; experimentally infected with malaria; 99	Levi Castillo	1945
<i>pseudopunctipennis</i> <i>neghmei</i> Mann	---; ---; 75	Stone et al.	1959
<i>pseudopunctipennis</i> <i>noei</i> Mann	---; ---; 75	Stone et al.	1959
<i>pseudopunctipennis</i> <i>paterstoni</i> Alvarado & Heredia	---; ---; 27	Stone et al.	1959
<i>pseudopunctipennis</i> <i>pseudopunctipennis</i> Theobald	---; in houses, experimentally infected with <i>Plasmodium falciparum</i> ; 24°. ---; all year, in houses, experimentally infected with <i>P. falciparum</i> , naturally infected with malaria; 27*°. ---; ---; 51, 137, 138, 238, 262. ---; suspected vector of malaria; 75. ---; naturally infected with malaria, suspected vector of malaria, enters houses, common; 82. ---; in houses; 85. ---; suspected vector of <i>P. falciparum</i> ; 99. ---; suspected vector of malaria; 128. ---; in houses, naturally infected with malaria; 204*. Clear, sunlit water with algae; inside bed nets, experimentally infected with <i>P. falciparum</i> , 237. ---; naturally infected with malaria, suspected vector of malaria; 240	Simmons & Aitken	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>pseudopunctipennis</i> <i>pseudopunctipennis</i> Theobald (cont.)	Ricefields, Bromeliads, rain pools, artificial containers, ditches with much vegetation; naturally infected with malaria, bites day and night, in ranches and stables, Apr.-May; 27°	Mühlens et al.	1925
	---; ---; 27, 75, 204, 346 (Swamps and hoofprints, bites day and night)	Lane	1953
	---; all year, common Jan.-May, Dec.; 75	Noe & Mann	1946 +
	Shallow stagnant estuary, grassy pools with algae, streams and stream pools, in sun or partial shade; in houses; 223°	Woke	1947
	Ground pools, ponds, artificial containers; common after heavy rains; 329	van der Kuyp	1949 a
<i>pseudopunctipennis</i> <i>rivadeneirai</i> Levi Castillo	Sunny rocky and ground pools with algae of <i>Spirogyra</i> , margin rivers; naturally infected with malaria, vector of malaria; 99*°	Levi Castillo	1945
<i>pseudopunctipennis</i> var. <i>typicus</i> Theobald	---; ---; 27, 99, 204, 238, 240, 328 (Important in the transmission of malaria only when the high numbers of individuals forms a large population)	Vargas	1945
<i>pseudopunctipennis</i> <i>willardi</i> Vargas	Sunny pools and streams; enters houses, July-Aug.; 204°	Vargas	1941
	---; ---; 204*	Vargas	1945
	---; April-May, July-Aug., Oct.; 204	Vargas & Martínez Palacios	1955
<i>pseudotibiamaculatus</i> Galvão & Barretto	---; ---; 53	Lane	1953
<i>punctimacula</i> Dyar & Knab	---; ---; 24	Duret	1950b
	---; ---; 27	Stone et al.	1959
	---; possible vector of malaria; 51, 53, 82, 99, 237, 246, 325, 328, 347 (Shaded forest pools)	Levi Castillo	1949
	Forest shady ponds and pools; ---; 53	Deane et al.	1946a
	---; ---; 53, 82, 85, 99, 128, 137, 138, 204, 237, 240, 262, 328, 329 (Shaded pools, swamps, sluggish streams). ---; jungle areas, in houses, May-Feb., common Sept.-Feb., experimentally infected with <i>Plasmodium vivax</i> and <i>P. falciparum</i> ; 237°	Simmons & Aitken	1942
	Sunlit ground pools, shaded, slow moving streams; enter houses; 82°	Rey et al.	1945

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES punctimacula</i> Dyar & Knab	---; possible vector of malaria; 82. Coastal valleys; naturally infected with malaria; 237, 240	Hackett	1945
	---; ---; 82*, 99*, 237*, 240*	Russell	1956
	Semi-stagnant pools, edges of slow streams, ditches, borrow pits, hoofprints, ponds; in houses; 85	Kumm et al.	1940
	Marsh and ground pools; ---; 85	Dyar	1921 d
	---; ---; 85*	Vargas	1962
	Rain pools, shallow marshy pools with vegetation, stagnant water, slow shaded streams; Feb.-June; 99	Levi Castillo	1945
	Small partly protected ground pools; ---; 129	Bruce et al.	1943
	Near small clumps of coarse grass in shallow rain pools in forest; --- 138	Kumm & Ram	1941
	Shaded shallow rain water pools in forest; ---; 204	Vargas & Martinez Palacios	1946
	---; Mar.-July, Oct.-Dec.; 204	Vargas & Martinez Palacios	1955
	Fresh, clean, shaded, still water; enters houses, common all year; 237°	Baxter & Zetek	1944
	Sheltered or grassy pools of clear water; experimentally infected with malaria; 237	Curry	1925
	Surface rain water in jungle, stream beds, temporary water; June; 237, 238	Dyar	1925 c
	---; in forest, bites by day; 237°	Galindo et al.	1951
	---; near ground level; 237	Galindo et al.	1950
	Shaded pools and streams with vegetation, large swamps; all year, peak July-Dec., naturally and experimentally infected with <i>Plasmodium vivax</i> and <i>P. falciparum</i> , common; 238°	Simmons	1937
	Shaded ground pools, in open pools with algae; enters house, naturally infected with malaria; 238	Simmons	1936
	---; experimentally infected with <i>P. vivax</i> ; 238	Simmons	1936 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>punctimacula</i> Dyar & Knab (cont.)	---; under drained jungle areas, naturally infected with malaria, enters houses; 240*	Russell et al.	1943
	Shaded, sometimes polluted water and sunlit vegetated water; naturally infected with malaria; 240	Villalobos & Delgado	1944
	Irrigation canals and ditches, pits, rivers and streams with slow current, flood pools along river margins, rain pools, pools in drying stream beds, lagoons, artificial containers, culverts, hoofprints, turbid or clear often temporary fresh water, usually somewhat shaded, with vegetation; all year, common July-Oct., seldom enter houses; 328	Cova-Garcia	1951
<i>punctipennis</i> (Say)	---; ---; 21	Kumm	1929
	Ground and rain pools; ---; 204*, 328	Dyar	1928 a
	Shaded running water; ---; 204	Hoffmann	1936
	---; all year; 204	Vargas & Martinez Palacios	1955
	---; ---; 204* (Temporary or permanent puddles, running water, bites at dusk, enters houses)	Simmons & Aitken	1942
	---; in houses; 328*	Martorell	1939
<i>punctipennis</i> <i>stonei</i> Vargas	---; ---; 204	Senevet	1948
<i>quadrinaculatus</i> Say	---; in houses, April-June; 27*	Davis & Shannon	1928 a
	---; in houses; 53	Davis	1926 a
	---; ---; 85	Vargas	1961
	Permanent ground ponds with algae, ricefields; Dec., carrier of all three forms of malaria parasite; 204	Dyar	1928 a
	Fresh water; ---; 204*	Hoffmann	1927
	---; all year; 204	Vargas & Martinez Palacios	1955
	---; ---; 204 (Fresh water pools, ponds, lakes, lagoons, swamps, brackish water, enters houses to bite)	Simmons & Aitken	1942
	---; more abundant during rainy season; 237*	Trapido	1946
<i>raichoui</i> Galvão	---; ---; 53	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---; ---; 51	Stone et al.	1959
<i>rangeli</i>			
Gabaldon, Cova- Garcia & Lopez	Collections of muddy water exposed to sun, small lagoons, streams, rain pools; enter houses; 53°	Deane et al.	1948
	Sunlit hoofprints, ponds, lagoons; ---; 53	Deane et al.	1946 a
	---; all year, common Apr.-June, active by night; 82	Bates	1945
	---; ---; 99, 240, 347. Hoofprints, small sunny pools, bodies of water with superficial vegetation; ---; 352	Levi Castillo	1949
	Large and small collections of still or flowing, fresh or brackish, usually turbid and temporary water, often vegetated, more or less exposed to sunlight, including hoofprints, cisterns, leaf axils and artificial containers; all year, some- times enter houses; 328	Cova-Garcia	1951
	Fresh water, generally in a dark place with abundant vegetation; Nov.-April; 328	Gabaldon et al.	1940
	River bed with vegetation; ---; 328	Hecht & Anduze	1944
	---; ---; 329	Lane	1953
<i>rockefelleri</i>	---; ---; 53	Christophers	1929
<i>Peryassú</i>			
<i>rondoni</i>			
(Neiva & Pinto)	Shallow ditch at margins of reedy swamps, pockets of clear water among growths of grass; enters houses, Mar.-June, Aug., Dec.; 27	Davis & Shannon	1928
	---; Sept., Oct.; 27	Shannon & Davis	1927
	---; ---; 51, 53, 239, 325. Bodies of quiet water with aquatic vegetation; ---; 352	Levi Castillo	1949
	Pools; enters houses at night, 53	Pinto	1930
	Marshes, ditches; ---; 53°. ---; ---; 69 (Clear water of marshes and ditches, bites man)	Boyd	1949
	---; ---; 204	Lane	1953
<i>roseboomii</i>	---; ---; 53. Small mountainous streams; ---; 352	Levi Castillo	1949
Deane, Causey & Deane			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---	Senevet	1948
<i>sanctielii</i>	---; ---; 130		
Senevet & Abonnenc	---; ---; 347	Levi Castillo	1949
<i>sawyeri</i>	Forest pools; ---; 53	Deane et al.	1946 <sub>a</sub>
Causey, Deane, Deane & Sampaio	Bodies of water in jungle; ---; 352	Levi Castillo	1949
<i>shannoni</i>	---	Stone et al.	1959
Davis	River and stream beds, fresh clean water in shade; in houses; 53°	Deane et al.	1946
	Forest ponds or pools; ---; 53	Deane et al.	1946 <sub>a</sub>
	Swamp; ---; 129°	Bruce et al.	1943
	---	Russell et al.	1943
	Forest pools; ---; 352	Levi Castillo	1949
<i>squamifemur</i>	---	Lane	1953
Antunes	---; ---; 53°	Simmons & Aitken	1942
	---; edge of forest; 82		
	---; rare; 82, 328, 347	Levi Castillo	1949
	---; July; 130	Floch & Abonnenc	1947 +
	---; attracted to lights at night; 237	Galindo et al.	1949
<i>strodei</i>	---	Simmons & Aitken	1942
Root	---; ---; 27, 53, 85, 130, 204, 237, 239, 297, 328 (Marshy areas with much vegetation). ---; experimentally infected with <i>Plasmodium vivax</i> , naturally infected with malaria; 53°. Grassy margins of clear fresh waterpools and streams; ---; 237		
	Small marshy mountain streams and side pools, seepage areas with much vegetation; Mar.-May; 53	Root	1926
	Irrigation ditches in plantations, clear fresh water with vegetation and algae; rarely in houses, naturally infected with oocyst of <i>Plasmodium</i> ; 53°	Deane et al.	1948

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES stroddei</i> Root (cont.)	Small collections of water, puddles; in houses in the morning, Oct.-Dec.; 53	Barretto	1940
	Clear, sunlit water with algae; ---; 53	Deane et al.	1946a
	---; Aug., anthropophilic; 53°	Lane	1935
	---; experimentally infected with <i>Plasmodium</i> sp.; 53	Da Fonseca & Da Fonseca	1943
	---; experimentally infected with malaria; 53	Rozeboom	1942
	---; common Jan.; 82	Bates & de Zulueta	1949
	Ground pools, small ponds, hoofprints, slowly running streams in sun; in houses; 85	Funn et al.	1940
	---; ---, 85, 204, 237, 328 (Partly shaded grassy pools and streams)	Komp	1942
	---; Feb.-April; 204	Vargas & Martinez Palacios	1955
	Fresh, clean, sunny, still water; all year, enters houses; 237	Baxter & Zetek	1944
	Grassy margins of fresh pools and quiet streams; ---; 238	Curry	1932
	Irrigation canals and ditches, flood pools along river margins, pits filled by ground water, seepage areas, rivers without current, shallow, marshy ponds with surface vegetation; rarely in flowing water, hoofprints, artificial containers or leaf axils, prefer partial or full sunlight; all year, peak July-Oct., occasionally in houses; 328	Cova-Garcia	1951
	Bodies of clear and sunny water with algae and other aquatic vegetation; ---; 352	Levi Castillo	1949
<i>taniniaculata</i> Goeldi	Roadside trench at edge of cane fields, streams, shady saline pools in mangrove swamps, ravine pools; in houses; 24	Edwards & Box	1940
	---; experimentally infected with oöcysts; 24*. ---; experimentally infected with <i>Haem. theobaldi</i> ; 53. ---; experimentally infected with <i>H. theobaldi</i> ; 237*. Small streams; ---; 328	Da Fonseca & Da Fonseca	1943
	Ditches; enters houses, Mar.; 27	Davis & Shannon	1928



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>tarsimaoulata</i> Goeldi (cont.)	Streams and lagoons, dikes; Oct.; 27	Shannon & Davis	1927
	---; bites man in the afternoon; 27°	del Ponte	1939
	Small pools with vegetation, muddy borrow pit without vegetation; ---; 53	Root	1927 b
	Brackish water, in lowland invaded by tide; ---; 53, 130	Causey et al.	1945
	---; naturally infected with <i>Wuchereria bancrofti</i> ; 53*	Manson- Bahr	1959
	---; bites man in the open; 53*	Russell	1956
	---; experimentally infected with <i>W. bancrofti</i> ; 53	Davis	1935
	Ground pools; ---; 82	Dyar	1925 a
	Common in river banks; important in malaria transmission; 82	Dunn	1929
	Brackish and fresh water streams; ---; 85	Kumm et al.	1940
	---; ---; 99, 262, 329	Kumm	1929
	Stagnant salt water pools along base of sea wall; Jan., July-Aug.; 129	Cleare, Jr.	1927
	Artificial containers; ---; 129	Haslam	1925
	---; ---; 223. Ground pools, artificial containers; malaria carrier, June; 237. ---; Jan.-Mar., Aug., Nov.-Dec.; 238	Dyar	1925 c
	Salt water marshes; common; 238*	Zetek	1915
	Brackish water of tidal swamps; suspected vector of malaria; 238	Simmons	1937
	---; enters houses; 238. ---; ---; 297	Bonne	1923
	Small streams, land pools, lakes and artificial pools; ---; 240	Shannon	1930
<i>tarsimaoulata</i> var. <i>aquasolitaria</i> Curry	---; ---; 53	Causey et al.	1945
<i>tarsimaoulata</i> var. <i>aquasolitaria</i> Curry	Brackish water; ---; 53	Causey et al.	1945
	---; ---; 297	van der Korp	1949

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>			
<i>tarsimaculatus</i> var. <i>bachmanni</i>	---; ---; 297	van der Kuyp	1949
<i>tarsimaculatus</i> var. <i>cuyabensis</i> Neiva & Pinto	---; ---; 53	Christophers	1924
<i>tarsimaculatus</i> var. <i>oswaldoi</i> Peryassú	---; ---; 53 Jungle shaded swamps and streams; ---; 238	Christophers Curry	1924 1936
	---; ---; 297	van der Kuyp	1949
<i>tarsimaculatus</i> var. <i>rondoni</i> Neiva & Pinto	---; ---; 53, 239	Christophers	1924
<i>tarsimaculatus</i> var. <i>trinnulatus</i> Neiva & Pinto	---; ---; 53	Christophers	1924
<i>thomasi</i> Shannon	Marshy edges of a woods stream; ---; 53 ---; ---; 82, 240, 328 Forest springs, streams; ---; 352	Russell et al. Stone et al. Levi Castillo	1943 1959 1949
<i>tibiamaculatus</i> (Neiva)	---; ---; 51, 53 Clear, cool, shaded pools in groves; ---; 352	Stone et al. Levi Castillo	1959 1949
<i>triannulatus</i> Neiva & Pinto	---; enters houses, Apr.-Sept.; 27 ---; ---; 27, 51, 53, 82, 85, 129, 130, 237, 239, 297, 328 (Fresh water pools and lakes with <i>Pistia</i> <i>stratiotis</i> and <i>Jussicea natans</i> ). Open ground pools, river margins; suspected vector of quartan malaria; 53. ---; experimentally infected with <i>Plasmodium vivax</i> and <i>P. falciparum</i> ; 237 Lagoons, pools, exposed to sun with vegetation; enters houses, bites at dusk; 53° River margins with <i>Pistia</i> ; ---; 53 ---; experimentally infected with <i>Wuchereria</i> <i>banrofti</i> ; 53 ---; experimentally infected with <i>Plasmodium</i> , oocysts; 53	Del Ponte Simmons & Aitken Deane et al. Causey et al. Da Fonseca & Da Fonseca	1943 1942 1948 1949 1945 1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>triannulatus</i> Neiva & Pinto (cont.)	---; June-July; 53	Coutinho & Ricciardi	1945
	---; experimentally infected with filaria; 53	Causey et al.	1945
	---; Apr., June-Dec.; 82	Bates & de Zulueta	1949
	Clear, sunny still water; all year, rare; 129	Baxter & Zetek	1944
	Sunny pools; in barracks; 129	Bruce et al.	1943
	---; in houses, bites man outdoors; 129°	Giglioli	1948
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 129	Giglioli	1948 a
	Leaf crowns of <i>Pistia stratiotes</i> and floating stems of <i>Jussiaea natans</i> , grassy edges of sunlit permanent pools and ponds; ---; 237	Komp	1942
	---; common during rainy season; 237*	Trapido	1946
	---; enters houses, bites man day and night; 237°	Rozeboom	1942
	---; ---; 240, 347	Stone et al.	1959
	---; Dec.-Feb.; 328	Anduze	1943 c
	Bodies of water with vegetation, <i>Pistia</i> , <i>Spirogyra</i> , pools or river beds; ---; 352	Levi Castillo	1949
<i>triannulatus</i> <i>chagasi</i> Galvão	---; ---; 53	Senevet	1948
<i>triannulatus</i> <i>davisi</i> Paterson & Shannon	---; ---; 27, 240, 297, 328	Stone et al.	1959
	---; in houses; 53	Rozeboom	1942
	---; ---; 99	Levi Castillo	1946
	---; common in interior, in animal shelters; 297	van der Kuyp	1949
	Flood pools along river margins, lagoons, pits filled by ground water, rain pools, seepage areas, rivers and streams with or without current, marshy ponds, marshes, artificial containers, rarely in culverts, hoofprints or leaf axils, in fresh or brackish water, usually vegetated and in full or partial sunlight; all year, common July-Oct., enters houses, naturally infected with malaria; 328	Cova-García	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	---; ---; 27, 53, 85, 239, 240, 328, 347	Lane	1953
<i>triannulatus</i>	Sunny, flooded savannahs, streams, pools, temporary ponds, rice fields; bites man in forest, experimentally infected with malaria; 130°	Floch & Abonnenc	1947 +
<i>triannulatus</i> (Neiva & Pinto)			
<i>vargasi</i>	Stream inside cave and in dark, stagnant flood pools; bite man during day; 328°	Gabaldon et al.	1941
Gabaldon, Cova-Garcia & Lopez	Shaded pools, streams; ---; 352	Levi Castillo	1949
<i>venezuelae</i>	---; ---; 328	Evans	1922
Evans			
<i>vestitipennis</i>	Swamps, fresh water, shaded places of open water; enters houses, Feb.-Dec.; 18°	Carr & Hill	1942
Dyar & Knab	---; suspected vector of malaria; 18	Carr et al.	1942
	---; ---; 18, 19, 21, 22, 82, 85, 128, 138, 204, 237, 262 (Enters houses, bites man). Stagnant ditches with vegetation, cool shaded water in pools and ponds; ---; 22. ---; naturally infected with malaria; 138	Simmons & Aitken	1942
	---; possible vector of malaria; 19	Russell	1956
	Shaded swamp near old coffee-washing plant; ---; 20	Paul & Bellerive	1947
	Shaded seepages; ---; 21. Shaded swamps; common; 68°. ---; ---; 82, 85, 128, 138, 237 (Jungle pools in deep shade). Ditches with dead leaves; ---; 237	Komp	1942
	---; ---; 21*	Boyd & Aris	1929
	---; Oct.-Dec.; 21	Washburn	1933
	Ditch in cane field; along the coast, Oct.-Jan.; 22	Wolcott	1936
	---; Sept.-Jan.; 22	Tulloch	1937
	---; coastal areas; 22	Larle	1930
	---; ---; 24	Lane	1953
	---; possible vector of malaria; 82, 328, 347 (Ponds, drainage trenches, bodies of fresh, slow vegetated water, in houses and shady places)	Levi Castillo	1949
	Slow running stream and shaded pool with vegetation; in houses; 85	Kumm et al.	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i>	Jungle banana fields; ---; 137	Barber et al.	1924
<i>vestitipennis</i> Dyar & Knab (cont.)	---; enters houses; 137	Komp	1941
	Rain pools in forest; naturally infected with malaria; 138	Kumm & Ram	1941
	Shaded pools with vegetation, swamps, road side ditches; ---; 138	Ram	1942
	Clear, fresh densely shaded pools with floating dead leaves; in houses, in forest; 204°	Hoffmann	1934
	---; all year; 204	Vargas & Martinez Palacios	1955
	Fresh, dirty shaded, still water; enters houses, rare; 237°	Baxter & Zetek	1944
	---; along rivers; 328	Dyar	1925d
	---; ---; 346	Dyar	1925c
<i>walkeri</i> Theobald	---; ---; 85	Kumm	1941
	---; ---; 204 (Permanent or semi-permanent water with vegetation, marshy shores of lakes or ponds, suspected potential vector of malaria)	Simmons & Aitken	1942
<i>reljuensis</i> De Léon	Tree holes; among rocks; 128	Simmons & Aitken	1942
	Tree hole, at 8,000-8,500 feet; Sept.; 204°	Vargas & Martinez Palacios	1943
	---; ---; 204, 237	Stone et al.	1959
<i>CELLIA</i> <i>albimana</i> (Wiedemann)	---; ---; 21, 129 (Small water holes, shallow water, fresh marshes, brackish water with vegetation)	Ludlow	1913
	---; coastal damp regions, possible vector of malaria; 99	Espinosa- Tamayo	1917
<i>argyrotarsis</i> Robineau- Desvoidy	---; ---; 21, 129 (Temporary fresh water pools, positive to malaria and filaria nocturna)	Ludlow	1913
<i>strigimacula</i> Dyar & Knab	---; ---; 238	Ludlow	1913
<i>tarsimaculata</i> Goeldi	Brackish water; ---; 238	Ludlow	1913

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CHAGASIA</i> <i>bathanus</i> (Dyar)	---; ---; 53	Shannon	1931
	---; ---; 82, 138, 237, 328 (Shaded running streams among roots, dead leaves, clear rock pools)	Komp	1942
	Shady stream pools near tree roots and vegetation, running streams; ---; 85	Kumm et al.	1940
	---; ---; 85, 138, 204, 237, 328 (Potholes in soft coral rock bed, shady rocky hill streams below water falls)	Simmons & Aitken	1942
	Creeks, streams with vegetation; ---; 99	Levi Castillo	1945
	---; rare; 99	Levi Castillo	1946
	---; ---; 128, 223	Stone et al.	1959
	---; Jan., Mar.-Apr., Nov.; 204	Vargas & Martinez Palacios	1955
	Accumulations of drift in still eddies and along grassy margins of swift streams with rocky or sandy bottom; bites by day; 237°	Galindo et al.	1951
	Fresh, clean, shaded or sunny, still running water; all year, rare; 237	Baxter & Zetek	1944
<i>bonneae</i> Root	Permanent, clear, shaded water in swift-flowing streams, pools formed by drying streams and flood pools along margins of rivers, sometimes in seepage areas; ---; 328	Cova-Garcia	1951
	---; ---; 51	Stone et al.	1959
	Shaded streams, clear running water with fallen leaves; ---; 53	Deane et al.	1948
	---; ---; 82, 240, 297	Lane	1953
<i>fajardoi</i> (Lutz)	---; Mar., June, bite man in forest; 130°	Floch & Abonnenc	1947 +
	---; ---; 27, 53, 82, 129 (Aquatic stages on side pools of streams and rivers)	Lane	1953
	Small rapid mountain brooks, among grass stems fringing a narrow channel with swiftly running water; bites in the evening; 53°	Root	1921
	Ground pool; all year; 53	Causey & dos Santos	1960
	---; July; 82	Komp	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CHAGASIA</i>			
<i>fajardoi</i> (Lutz)	---; ---; 297 (Among vegetation along margins of flowing streams, rarely bites man)	Simmons & Aitken	1942
(cont.)	---; in forests; 297	Bonne-Wepster & Bonne	1921
<i>rozeboomi</i> Causey, Deane & Deane	Shaded forest springs and streams with clear, cool, moving water and marginal vegetation; rarely enters houses, bites man outdoors at sunset; 53°	Causey et al.	1945
	---; rare; 53	Deane et al.	1946a
<i>CULEX</i>			
<i>abnormalis</i> Lane	Streams, clear water with fallen leaves; ---; 53	Lane	1936
<i>accelerans</i> Root	Among dense vegetation in river lagoon; ---; 53	Root	1927b
	---; ---; 237	Stone et al.	1959
<i>acharistus</i> Root	Marshy expansions of mountain streams, rapid river side pools; ---; 53	Root	1927b
<i>aglischrus</i> Dyar	Shallow well, cesspool and ground pool; at 9000 feet, Aug.; 82	Dunn	1929
	Ground holes; ---; 82	Dyar	1924c
	Pools in bed of river, roadside pool; enters houses; 328	Dyar	1925d
<i>aikenii</i> (Aiken & Rowland)	---; ---; 21	Thompson	1947
	---; ---; 53	Lane	1953
	---; ---; 82, 120, 237, 238, 297, 328 (Among <i>Pistia</i> roots, attracted to light, enters houses)	Dyar	1928a
	---; outdoors, on screens of houses, common in Nov.-Dec.; 82	Dunn	1929
	Ponds with <i>Pistia</i> ; ---; 85	Kumm et al.	1940
	Among roots of <i>Pistia</i> ; ---; 137, 347	Dyar	1925c
	---; ---; 204, 237	Stone et al.	1959
	Ditches; ---; 297	Bonne & Bonne-Wepster	1925
<i>airosai</i> Lane	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; ---; 27, 82, 237, 328	Stone et al.	1959
<i>albinensis</i>			
Bonne-Wepster & Bonne	Pools; ---; 53	Evans	1924 +
	Ground pools; ---; 297	Bonne-Wepster & Bonne	1919 a
<i>albipes</i>	Bromeliads; ---; 53	Dyar	1928 a
Lutz	---; ---; 328	Anduze	1941
<i>alcocci</i>	---; July; 53	Lane	1936
Bonne-Wepster & Bonne	Temporary pools in woods; March; 297	Bonne-Wepster & Bonne	1919 a
<i>aliciae</i>	---; ---; 27, 53	Stone et al.	1959
Duret			
<i>allostigma</i>	---; ---; 85	Kumm et al.	1940
(Howard, Dyar & Knab)	Artificial containers in forest, predaceous; ---; 130	Floch & Abonnenc	1947 a +
	---; ---; 223, 237. Tree holes, ground pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	Rockholes, drains, small pools, tree holes with polluted water; ---; 238	Galindo et al.	1951
	---; ---; 240, 328	Stone et al.	1959
<i>alogistus</i>	---; along river; 82	Dyar	1924 e
Dyar	---; ---; 85, 130	Stone et al.	1959
	Ground pools; ---; 237	Galindo et al.	1951
	---; Feb.; 237	Dyar	1928 a
	Pools in woods; Mar.; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1942
<i>alticola</i>	---; ---; 51	Stone et al.	1959
Martini			
<i>amazonensis</i>	---; along river; 82	Dyar	1924 e
(Lutz)	---; ---; 237	Stone et al.	1959
	Permanent pool with vegetation; enters houses in the evening; 297	Bonne & Bonne-Wepster	1925



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; along rivers; 328	Dyar	1925 d
<i>amazonensis</i> (Lutz) (cont.)	---; ---; 347	Dyar	1925 c
<i>americanus</i> (Neveu-Lemaire)	---; ---; 18, 19	Lane	1953
	---; ---; 21	Thompson	1947
	Bromeliads; ---; 22	Tulloch	1937
	Edge of mangrove swamps; ---; 24. Bromeliads; ---; 127	Edwards & Box	1940
	Bromeliads; ---; 24	van der Kuyp	1948
	---; crabholes; 24	Floch & Abonnenc	1945 +
	---; ---; 91, 347	Lane	1953
	---; ---; 130, 346 (Bromeliads)	Dyar	1928 a
	---; ---; 329	Stone et al.	1959
<i>amitis</i> Komp	---; ---; 328	Rozeboom	1950
<i>andricus</i> Root	Pond with vegetation; ---; 53	Root	1927 b
<i>andusei</i> Cerqueira & Lane	---; ---; 53	Lane	1953
<i>aneles</i> Dyar & Ludlow	---; ---; 237	Dyar	1923 c
	Swamps; Feb., Oct.; 238	Dyar	1925 c
<i>anips</i> Dyar	---; ---; 53	Stone et al.	1959
<i>annuliperus</i> Blanchard	---; ---; 75	Dyar	1924 a
<i>ansiformis</i> Bonne-Wepster & Bonne	Ponds and flooded savannahs; ---; 130	Floch & Abonnenc	1947 a +
<i>antillum-</i> <i>magnorum</i> Dyar	Artificial containers, Bromeliads; Feb., June; 22	Wolcott	1936
<i>antunesi</i> Lane & Whitman	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>aphylactus</i> Root	Bromeliads; ---; 53	Lane & Whitman	1951
<i>apicalis</i> Adams	---; ---; 204	Martinez Palacios	1952
<i>apicinus</i> Philippi	---; ---; 51	Lane	1953
	Small pool in dry streambed; ---; 75	Edwards	1931
<i>arizonensis</i> Bohart	---; ---; 204	Martinez Palacios	1952
<i>articularis</i> Philippi	Shallow well; on windows; 27, 75	Edwards	1931
	---; ---; 99, 240	Stone et al.	1959
<i>articulatus</i> Rondani	---; ---; 75	Dyar	1926
<i>aseyehae</i> Dyar & Knab	---; ---; 17	Dyar	1917
<i>atratus</i> Theobald	---; ---; 17	Porter	1967
	---; ---; 18, 20, 21, 23 (Ground pools)	Dyar	1928a
	Semi-permanent roadside swamps; ---; 22	Root	1922
	Small lake, cattail swamp; ---; 22	Wolcott	1936
	Fresh or brackish water; ---; 22	Tulloch	1937a
	Permanent pools; ---; 22	Wolcott	1941
	Ponds, flooded savannahs, temporary and permanent pools, grassy ditches, small streams; Sept., Nov.- Dec., enter houses; 24	Floch & Abonnenc	1945 +
	Pools in ravine, beneath floating leaves and debris; ---; 24	Edwards & Box	1940
	---; Feb., bite man in evening in woods, rare; 53°	Pinto	1930
	---; ---; 130	Stone et al.	1959
	---; ---; 237, 329, 347	Lane	1953
	Mangrove swamps; ---; 346	Bonne & Bonne-Lepster	1925
<i>arizonensis</i> Duret & Barreto	---; ---; 53	Stone et al.	1959
<i>atratus</i> Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>automartus</i> Root	Bromeliads; ---; 53	Root	1927 b
<i>azuayus</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>azymus</i> Dyar & Knab	Bromeliad; ---; 329	Dyar	1928 a
<i>babahoyensis</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>bahamensis</i> Dyar & Knab	---; ---; 17, 23 (Marshy ground pools)	Dyar	1928 a
	---; ---; 20, 21	Porter	1967
	Brackish water in pools and hooftracks; ---; 22	Tulloch	1937
	Outlet of small lake; ---; 22	Wolcott	1936
	---; active at night; 22	Weathersbee & Bohart	1944
	Concrete reservoir, wells, beach pool; ---; 24	van der Kuyp	1949
	Shallow well at the edge of mangrove swamps, coastal swamps; ---; 24	Edwards & Box	1940
	---; ---; 329, 346	Stone et al.	1959
<i>bomborum</i> Rozeboom & Komp	---; ---; 82	Lane	1953
<i>carlinus</i> Dyar & Knab	Pool; ---; 329	Bonne & Bonne-Wepster	1925
<i>castigarrus</i> Dyar & Knab	---; ---; 27, 99, 204, 237, 240, 329, 347	Stone et al.	1959
	Grassy pond; ---; 82	Komp	1936
	Stagnant stream pools with vegetation; ---; 85	Kumm et al.	1940
	Swamps, ricefields, flooded savannahs, grassy water holes, ditches, excavation, in rocks, pools; ---; 130	Floch & Abonnenc	1947 a +
	Sunny pond in marshy water with vegetation; ---; 262	Kumm & Zuniga	1942
	Ground pools; Jan., May; 297	Dyar	1928 a
	---; active by day; 328	Arduze	1943 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>batesi</i> Rozeboom & Komp	---; ---; 82	Rozeboom & Komp	1950
<i>beauperthuyi</i> Anduze	---; ---; 53, 237 Salt water swamps along the coast; Jan.; 328	Stone et al.	1959 1943b
<i>bejaranoi</i> Duret	---; ---; 27	Stone et al.	1959
<i>belemensis</i> Duret & Damasceno	---; ---; 53	Stone et al.	1959
<i>bequaerti</i> Dyar & Shannon	---; ---; 53	Dyar	1928a
<i>bibulus</i> Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923a
<i>bickleyi</i> Forattini	---; ---; 20	Porter	1967
<i>bidens</i> Dyar	---; Nov.; 51 Tree holes; ---; 204	Dyar Martinez Palacios	1922c 1952
	---; ---; 328	Anduze	1941
<i>bifoliatus</i> Dyar	---; ---; 237 Tree holes; Dec.; 238. ---; ---; 328	Dyar Dyar	1923a 1925
<i>bifoliolatus</i> Duret & Barreto	---; ---; 53	Stone et al.	1959
<i>bigoti</i> Bellardi	Streams; ---; 27 ---; ---; 51, 53, 82, 129, 237, 328 ---; ---; 128, 204 Debris filled spring; ---; 262	Del Ponte Stone et al. Bonne & Bonne-Wepster Kumm & Zuniga	1931 1959 1925 1942
<i>bihairolus</i> Dyar & Nuñez Tovar	---; ---; 82, 55, 99 Bamboo and Heliconia; ---; 204 Bamboo tree holes, palm spathes, artificial containers; May, July-August, October; 237 Heliconia; ---; 328	Stone et al. Martinez Palacios Galindo et al. Dyar	1959 1952 1951 1928a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; ---; 18, 19, 21, 22	Porter	1967
<i>bisulcatus</i>	---; Oct.; 20	Root	1927
Coquillett	---; ---; 24	Senevet	1938
	Bromeliads, artificial containers; ---; 346	Bonne & Bonne-Wepster	1925
<i>bonnea</i>	Artificial containers; ---; 53	Kumm & Novis	1938
Dyar & Knab	Hollow in fallen log; ---; 53	Townsend	1934
	Temporary pools, sewage pits, artificial containers; ---; 130	Floch & Abonnenc	1947a +
	Ground pools; ---; 237	Dunn	1934
	Treeholes, pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	---; Oct.; 297	Bonne-Wepster & Bonne	1921 a
<i>donnai</i>	---; ---; 51, 53, 82, 130, 297	Stone et al.	1959
Dyar	---; ---; 85	Dyar	1921 g
<i>borinqueni</i>	Ditches, slow streams, pools and marshy areas; common in coastal plains, July-Aug.; 22	Root	1922
Root			
<i>brethesi</i>	---; ---; 27	Dyar	1919
Dyar			
<i>breviculus</i>	---; forest, Jan., June, Oct.; 130	Floch & Abonnenc	1947a +
Senevet & Abonnenc			
<i>brevispinosus</i>	---; ---; 53, 82	Stone et al.	1959
Bonne-Wepster & Bonne	Small ground pools, tree holes, old boat; Jan., March, Dec.; 297	Bonne & Bonne-Wepster	1925
	Shaded rain pools and rock holes in forests; ---; 328	Hecht & Anduze	1944
<i>browni</i>	Bamboo traps, tree holes; April, July-Mar.; 237	Galindo et al.	1951
Komp			
<i>canadensis</i>	---; ---; 53	Stone et al.	1959
Lane & Whitman			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i> <i>carcinophilus</i> Dyar & Knab	---; ---; 19, 20 (Crabholes with water along the shore)	Dyar	1928 a
	Edge of lake in water with much floating vegetation; ---; 22	Tulloch	1937
	---; ---; 91	Lane	1953
	---; ---; 128	Martini	1935
<i>carcinoxenus</i> Castro	Crabholes; ---; 53	Lane	1953
<i>caribbeanus</i> Galindo & Blanton	---; ---; 238	Stone et al.	1959
<i>carioca</i> Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
<i>cauchensis</i> Floch & Abonnenc	---; ---; 53	Stone et al.	1959
	---; Apr.; 130	Floch & Abonnenc	1947 a +
<i>caudelli</i> (Dyar & Knab)	---; ---; 53	Kumm & Navis	1938
	---; along river; 82	Dyar	1924 c
	---; ---; 129, 237, 328	Stone et al.	1959
	Tree holes and pools; Feb.-Mar., June; 130	Floch & Abonnenc	1947 a +
	---; ---; 297, 329 (Large open ground pool)	Dyar	1928
	---; common; 329	Rozeboom & Komp	1950
<i>census</i> Root	Jungle pools, roadside ditches and in the side-eddies of a river; common; 53	Root	1927 b
<i>changuinolae</i> Galindo & Blanton	---; ---; 237	Stone et al.	1959
<i>chaquense</i> Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
<i>chidesteri</i> Dyar	---; ---; 21, 22, 85, 99, 204, 237, 346	Stone et al.	1959
	Ponds with vegetation; ---; 24	Floch & Abonnenc	1945 +
	---; ---; 51	Lane	1953
	River channel with vegetation; ---; 53	Root	1927 b

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---		
<i>chidesteri</i>	---; ---; 53, 238, 328 (Ground pools)	Dyar	1928 a
Dyar	---; jungle; 82	Komp	1936
(cont.)	---; on hospital screens, June; 238	Dyar	1925 c
	---; in houses; 262	Kumm & Zuniga	1942
	Culet flood pool; June; 328	Hecht & Anduze	1944
<i>chilensis</i>	---; ---; 75	Dyar	1924 a
Blanchard			
<i>chryselatus</i>	Bromeliads and other plants; ---; 53	Kumm & Novis	1938
Dyar & Knab	Bromeliads; ---; 82	Komp	1936
	---; ---; 99, 237	Stone et al.	1959
	Bromeliads; Jan., March-April, Aug.; 297	Bonne & Bonne-Wepster	1925
	Bromeliads; ---; 328	Anduze	1942 a
<i>chrysonotum</i>	---; ---; 82, 130, 137, 204, 237, 297, 328	Stone et al.	1959
Dyar & Knab	Exposed ground pools and ponds, brackish water; ---; 85	Kumm et al.	1940
	Ground pools; May-July, Oct.-Dec.; 238. ---; ---; 347	Dyar	1925 c
	---; ---; 352	Dyar	1923
<i>chrysothorax</i>	Pool; ---; 53	Gordon & Evans	1922
(Peryassú)	---; ---; 328	Strong et al.	1926
<i>clarki</i>	Small streams with vegetation, rivers and lagoons; Mar.-June; 53	Root	1927 b
Evans			
<i>colombiensis</i>	---; along river; 82	Dyar	1924 e
Dyar			
<i>comatus</i>	---; ---; 82	Rozeboom & Komp	1950
Senevet & Abonnenc	Flooded areas in forest; in woods; 130	Floch & Abonnenc	1947 a +
<i>corneynensis</i>	---; ---; 82, 130, 237	Stone et al.	1959
bonne-Wepster & Bonne	Ditches; March; 297	Bonne-Wepster & Bonne	1919 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; ---; 99, 297	Stone et al.	1959
<i>comminutor</i>			
Dyar	Temporary and permanent pools, ditches, bamboos, tree holes; small woods; 130	Floch & Abonnenc	1947a +
	---; ---; 297°	Dyar	1928a
<i>confirmatus</i>	---; ---; 17	Dyar	1917
Lynch Arribáizaga			
<i>confundior</i>	---; ---; 297	Stone et al.	1959
Komp & Rozeboom			
<i>conservator</i>	Tree holes, pool; ---; 24	MacDonald	1917
Dyar & Knab			
	Artificial containers; ---; 53	Kumm & Novis	1938
	---; ---; 82	Stone et al.	1959
	Tree holes; ---; 85	Kumm et al.	1940
	Bamboo traps, tree holes; Mar.-June; 237	Galindo et al.	1951
	Tree holes; ---; 297	Bonne & Bonne-Wepster	1925
	Tree holes; ---; 328	Hecht & Anduze	1944
	---; ---; 329, 346 (Tree holes)	Dyar	1928a
<i>consolator</i>	Bromeliads; ---; 53	Lane & Whitman	1951
Dyar & Knab			
	---; ---; 329 (Bromeliad)	Dyar	1928a
<i>conspirator</i>	---; on screens of houses; 82	Dunn	1929
Dyar & Knab			
	---; ---; 82, 99, 204 (Ground pools, grooved root bases of certain trees). ---; July, Oct.; 237. ---; Mar.-May, Aug., Dec.; 238	Dyar	1925c
	Potholes and rocky pools at stream and river edges, among floating vegetation and debris; ---; 85	Kumm et al.	1940
	---; Apr.-June; 99	Campos	1925 +
	---; common; 237	Rozeboom & Komp	1950
	Edge of river, pools; ---; 238	Dyar & Shannon	1924
	Sunny stream pools with debris and vegetation, tree holes; cave; 262	Kumm & Zuniga	1942
	---; ---; 328	Stone et al.	1959



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	Temporary pools in forest; ---; 130	Floch & Abonnenc	1947a +
<i>appenninensis</i> Bonne-Wepster & Bonne	Ground pools; May; 297	Bonne-Wepster & Bonne	1919 a
	---; rare; 297	Rozeboom & Komp	1950
	---; ---; 328	Lane	1953
<i>montignensis</i> Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
<i>semiger</i> Theobald	---; ---; 18, 20, 21, 51, 138, 325	Stone et al.	1959
	Ditch without vegetation; ---; 24	Floch & Abonnenc	1945 +
	Artificial containers, nut shells, fallen leaves and rinds, temporary ground pools; ---; 53	Kumm & Novis	1938
	---; garden; 53	Gordon & Evans	1922
	---; ---; 53, 69, 204, 237, 328, 329, 346, 347 (Ground pools, tree holes, bamboo, artificial containers)	Dyar	1928 a
	---; ---; 53, 69, 204, 346 (Crab holes, salt water pools, artificial containers, edges of swamps and streams)	Bonne & Bonne-Wepster	1925
	Bamboo sections; in house; 82°	Komp	1936
	Artificial containers with aquatic plants, ground pools; ---; 82	Dunn	1929
	Ground pools, tree holes, coconut shells; ---; 85	Kumm et al.	1940
	---; ---; 99	Dyar	1925 b
	Open barrels, old canoes, flooded meadows; ---; 130	Floch & Abonnenc	1947 a +
	Temporary rain pools, partially cleared jungle; ---; 137	Root	1924
	---; ---; 204, 346, 347. Temporary surface pools, husks and artificial containers; July; 237. Temporary surface pools, husks and artificial containers; Jan., March-July, Oct.-Dec.; 238	Dyar	1925 c
	Artificial containers with decaying vegetation, stagnant pools; ---; 223	Woke	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	Pit latrines; Oct. and Nov.; 237	Schapiro	1934
<i>corniger</i>			
Theobald (cont.)	Ground pools, artificial containers, tree holes; May; 237	Galindo et al.	1951
	Sunny seepage areas among <i>Spirogyra</i> ; ---; 262	Kumm & Zuniga	1942
	Shaded rain pools in rocks, forest; ---; 328	Hecht & Anduze	1944
<i>coronator</i>	---; ---; 27, 53, 99, 204, 237, 328, 329, 347 (Ground pools, occasionally in tree holes)	Dyar	1928 a
Dyar & Knab	---; ---; 51, 130, 239, 240	Stone et al.	1959
	Dirty pools without vegetation, shallow dirt wells and borrow pits; Feb.-Apr., June; 53	Root	1927 b
	Tree holes, fallen leaves, fruit rind, artificial containers; ---; 53	Kumm & Novis	1938
	---; woods, occasionally in houses, Jan.-Mar., June-Dec.; 53	Townsend	1934
	Hoofprints at the edges of stream and clear water ground pools; ---; 82	Dunn	1929
	Tree holes; ---; 82	Komp	1936
	Ground pools and depressions along the edges of streams and seepage areas in the sun; ---; 85	Kumm et al.	1940
	Clear water and stagnant pools, with or without vegetation, in sun or shade; ---; 223	Woke	1947
	Tree holes, bamboo traps, artificial containers, ground pools; Sept.-Mar., rare; 237	Galindo et al.	1951
	Sunny seepage areas with green algae, edges of large ponds with floating vegetation; ---; 262	Kumm & Zuniga	1942
	Rockpools, ground pools, tree holes, artificial containers; Jan.-Feb., Apr.; 297	Bonne & Bonne-Wepster	1925
	Fallen tree hole; Oct.; 297	Bonne-Wepster & Bonne	1921a
	Puddles near shade; ---; 328	Hecht & Anduze	1944
<i>coronator</i>			
<i>camposi</i>	---; ---; 99	Lane	1953
Dyar			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; Jan.-Apr.; 99	Campos	1925 +
<i>coronator</i>			
<i>coronator</i> Dyar & Knab	Diverse receptacles, all kinds of standing fresh water, tree holes and rarely Bromeliads; all year; 130	Floch & Abonnenc	1947 a +
<i>corrigani</i>	Dark holes, old cisterns; ---; 237	Dyar	1928 a
<i>corrigani</i> Dyar & Knab	Bamboo traps, tree holes; May-Oct.; 237	Galindo et al.	1951
	Artificial containers; July; 238	Dyar	1925 c
	---; ---; 297	Dyar	1921
<i>creole</i>	---; ---; 328	Stone et al.	1959
<i>Anduze</i>			
<i>crybda</i>	---; ---; 13, 237, 328	Lane	1953
<i>crybda</i> Dyar	---; along river; 82	Dyar	1924 e
<i>cuclyx</i>	Edges of streams; April; 238	Dyar	1925 c
<i>cuclyx</i> Dyar & Shannon			
<i>europinensis</i>	Permanent and semi-permanent pools; common all year; 297	Bonne & Bonne-Wepster	1925
<i>europinensis</i> Bonne-Wepster & Bonne			
<i>curryi</i>	Rock pool in dense jungle; ---; 238	Dyar	1926
<i>curryi</i> Dyar			
<i>cyanescens</i>	---; ---; 17	Dyar	1917
<i>cyanescens</i> Coquillett			
<i>daumastocampa</i>	Bromeliads; ---; 85	Kumm et al.	1940
<i>daumastocampa</i> Dyar & Knab	Bromeliads; ---; 223	Woke	1947
	<i>Tillandsia</i> ; Jan.; 237	Dyar	1925 c
	Bromeliads; ---; 238	Dyar	1928
	---; ---; 328	Anduze	1941
<i>davisi</i>	---; ---; 53	Lane	1953
<i>davisi</i> Kumm	---; ---; 328	Anduze	1941
<i>debilis</i>	---; ---; 240	Dyar	1926
<i>debilis</i> Dyar & Knab			
<i>declarator</i>	Rock pools in forested ravine; ---; 24	Edwards & Box	1940
<i>declarator</i> Dyar & Knab	---; ---; 51, 204, 262, 325, 328, 329, 346, 347	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	Small pools with vegetation; Feb.-Mar. and June; 53	Root	1927 b
<i>declarator</i>	Artificial containers, empty Brazilnut shells, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
Dyar & Knab (cont.)	Potholes among rocks, bed streams in sunshine; ---; 85	Kumm et al.	1940
	Marsh and ground pools; ---; 85	Dyar	1921 d
	Exposed stagnant ground pools with little or no vegetation; ---; 223	Woke	1947
	Dirty pools, tree holes and artificial containers; June; 237. Dirty pools, tree holes and artificial containers; Jan.-July, Oct.-Dec.; 238	Dyar	1925c
	Artificial containers, ground pools; ---; 237. Shaded rock holes along beaches; ---; 238	Galindo et al.	1951
	Pit latrines; Oct.-Nov.; 237	Schapiro	1934
	Tree holes; ---; 237	Dunn	1934
	Tree stumps; ---; 238	Dyar & Shannon	1924a
	---; common, in houses; 262	Kumm & Zuniga	1942
	Small pools in coastal region; Jan., March, May; 297	Bonne & Bonne-Wepster	1925
	Marshes, lagoons; ---; 328	Anduze	1943a
	Puddles near river; ---; 328	Hecht & Anduze	1944
	---; on a steamer; 328	Dyar	1925d
<i>delys</i>	---; ---; 237	Lane	1953
Howard, Dyar & Knab	---; ---; 238	Stone et al.	1959
<i>derivator</i>	---; ---; 85, 204 (Grassy ground pools)	Dyar	1928a
Dyar & Knab	---; ---; 237	Stone et al.	1959
<i>digitatus</i>	---; ---; 130	Leger	1918
Rondani			
<i>distinguendus</i>	Tree holes; ---; 53	Kumm & Novis	1938
Dyar	---; ---; 82, 85, 237	Stone et al.	1959
	---; ---; 238	Rozeboom & Kemp	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i> <i>dolosus</i> (Lynch Arribáizaga)	---; ---; 27, 51, 53, 75, 99, 325	Stone et al.	1959
<i>dornarum</i> Dyar & Shannon	---; ---; 237	Dyar	1928a
	---; September, Dec.; 238	Dyar & Shannon	1924
<i>dubitans</i> Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
<i>dunni</i> Dyar	---; ---; 53, 82, 237, 297 (Grassy lake margins with <i>Pistia</i> )	Donne & Bonne-Wepster	1925
	Grassy pond; ---; 82	Komp	1936
	---; along river; 82. Edge of lake; ---; 237	Dyar	1924 b
	---; ---; 85	Stone et al.	1959
	Lakes and flooded savannahs; Feb., Apr., June- July, Oct.-Nov., on walls and in small woods; 130	Floch & Abonnenc	1947 a +
	---; ---; 204	Martinez Palacios	1952
	Edge of lakes; July; 238. ---; ---; 3	Dyar	1925 c
	---; common; 238	Rozeboom & Komp	1950
	---; ---; 328	Anduze	1943 a
<i>duplicator</i> Dyar & Knab	Ground pools; ---; 19	Bonne & Bonne-Wepster	1925
	---; ---; 20 (Ground pool)	Dyar	1928 a
	---; ---; 23	Porter	1967
	---; ---; 91	Dyar	1924 c
<i>lyius</i> Root	Coastal lowlands; ---; 53	Root	1927 b
<i>enistor</i> Dyar	---; ---; 53, 99, 204, 297	Stone et al.	1959
	---; along river; 82	Dyar	1924 e
	---; ---; 128, 237, 347	Lane	1953
	---; Feb.; 130	Floch & Abonnenc	1942 +
	---; ---; 297	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; ---; 27, 51, 82, 99, 204, 297	Stone et al.	1959
<i>educator</i>	Ground pools; June-Sept., enter houses; 53	Townsend	1934
Dyar & Knab	Jungle pools with vegetation; ---; 53	Root	1927 b
	Ground pools; enter houses; 85, 237, 297, 328	Dyar	1928 a
	---; common; 85	Rozeboom & Komp	1950
	Small stream bed pool; ---; 137	Root	1924 +
	Ground pools, springs; Nov.; 237. Ground pools, springs; Jan., March-April, June-July, Dec.; 238. ---; ---; 347	Dyar	1925 c
	Swamps, temporary pools; ---; 328	Hecht & Anduze	1944
<i>eggymon</i>	---; common; 237	Rozeboom & Komp	1950
Dyar	Slow moving stream, <i>Pistia</i> ; May, Aug.; 238	Dyar	1925 c
<i>elephas</i>	---; rare; 237	Rozeboom & Komp	1950
Komp			
<i>eleuthera</i>	---; ---; 17	Dyar	1917
Dyar & Knab			
<i>elevator</i>	---; ---; 22, 27, 53, 82, 99, 204, 328, 346	Stone et al.	1959
Dyar & Knab	Permanent and temporary pools, ponds, ditches, small streams; ---; 24	Floch & Abonnenc	1945 +
	Rock pools in forested ravine; ---; 24	Edwards & Box	1940
	---; ---; 53, 85, 237 (Ground pools, rock pools)	Dyar	1928 a
	Jungle pools; ---; 82	Komp	1936
	---; common; 85	Rozeboom & Komp	1950
	River; ---; 137	Root	1924 +
	Ground and small rock pools; Feb.; 237. Ground and small rock pools; April, July; 238	Dyar	1925 c
	---; caves; 262	Kumm & Zuniga	1942
<i>elongatus</i>	---; ---; 82	Lane	1953
Rozeboom & Komp			
<i>ensiformis</i>	Grassy pools; Dec., Jan.; 297	Bonne-Wepster & Bonne	1919 a
Bonne-Wepster & Bonne			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>epanastasis</i>	Artificial container; ---; 237	Dyar	1928 a
Dyar	River; July; 238	Dyar	1925 c
<i>epirus</i>	---; ---; 129	Stone et al.	1959
Aiken			
<i>equinoxialis</i>	---; ---; 130	Rozeboom & Komp	1950
Floch & Abonnenc			
<i>erethyssonfer</i>	---; ---; 237	Stone et al.	1959
Galindo & Blanton			
<i>erraticus</i>	---; ---; 18, 20, 21, 82, 129, 204	Stone et al.	1959
(Dyar & Knab)			
	Grassy, temporary pools and rockholes; ---; 130	Floch & Abonnenc	1947 a +
	Pools and streams; ---; 137	Root	1924 +
	Sunny water in borrow pit, hoof prints, stream edges and estuary; ---; 223	Woke	1947
	Sunny pools with vegetation, river edge, tree holes; ---; 262	Kumm & Zuniga	1942
	---; rare; 329	van der Kuyp	1949 a
<i>escamelli</i>	---; ---; 240	Dyar	1928 a
Brethes			
<i>exansae</i>	Jungle pools; ---; 53	Root	1927 b
Root			
	Ditches, streams, temporary pools, swamps, vegetated lakes; Jan., Mar.-Dec.; 130	Floch & Abonnenc	1947 a +
	---; ---; 237	Stone et al.	1959
<i>exilis</i>	Among thick aquatic vegetation, in rivers, lagoons and ponds; Feb.-Apr., June; 51	Root	1927 b
Root			
<i>fioster</i>	---; ---; 297	Bonne-Wepster & Bonne	1923 a
Dyar & Knab			
<i>fulvipes</i>	---; ---; 237	Stone et al.	1959
Galindo & Blanton			
<i>fulvipes</i>	---; ---; 53	Stone et al.	1959
(Lutz)			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i> <i>fatigans</i> Wiedemann	---; naturally infected with <i>Wuchereria bancrofti</i> ; 18, 297, 329	Manson Bahr	1959
	---; ---; 21, 48, 237	Ludlow	1913
	Artificial containers, latrines, septic tank; common in coastal plain, bites man in the evening, April, June, Aug.; 22°	Wolcott	1936
	Artificial containers, brackish water; ---; 23°	O'Connor & Beatty	1938
	Artificial containers, cess pool; in houses; 24	Edwards & Box	1940
	---; common; 24	Senevet & Ouiévreux	1941
	Artificial containers; in houses; 27	Kraus	1916
	---; ---; 51, 239	Martini	1931
	Temporary ground holes, artificial containers; ---; 53	Kumm & Novis	1938
	---; experimentally infected with and efficient host of <i>W. bancrofti</i> ; 53	Davis	1935
	---; experimentally infected with yellow fever virus (Asibi-strain); 53	Davis	1933
	Drains; in houses, common; 53*	Causey et al.	1945 a
	Artificial containers, ground pools, seepage areas; ---; 85	Kumm et al.	1940
	Flooded pit latrines, cesspools, drains and similar foul water; in houses; 129*°	Giglioli	1948
	---; naturally and experimentally infected with <i>W. bancrofti</i> ; 129	Giglioli	1948 a
	---; ---; 130	Leger	1918
	---; ---; 204	Martini	1935
	Artificial containers, foul water; enters houses; 223*°	Woke	1947
	Marshes, pools and wells; ---; 240	Converse	1914
	---; in houses; 262	Kumm & Zuniga	1942
	Foul water, pools, sewers, cesspools, artificial containers; common, near human habitations; 297	Bonne & Bonne-Wepster	1925
	---; carrier of filaria; 297	Flu	1926
	---; ---; 328*	Ortiz	1944



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>COLEX</i>			
<i>fatuator</i> Dyar & Shannon	---; June; 237. ---; April, July; 238	Dyar	1925 c
<i>federalis</i> Dyar	---; ---; 204	Dyar	1923 d
<i>finlayi</i> Perez Vigueras	---; ---; 18	Porter	1967
<i>flabellifer</i> Komp	---; ---; 21 ---; ---; 137, 204, 237	Thompson Stone et al.	1947 1959
<i>flavipes</i> Macquart	---; ---; 130	Leger	1918
<i>florense</i> Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
<i>foliaceus</i> Lane	---; ---; 53	Lane	1953
<i>foliafer</i> Komp & Rozeboom	---; ---; 237, 297	Stone et al.	1959
<i>fur</i> Dyar & Knab	---; ---; 138, 204, 237, 297	Lane	1953
<i>fusco</i> Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
<i>gairus</i> Root	Bromeliads; ---; 53	Root	1927 b
<i>galindoi</i> Komp & Rozeboom	---; ---; 237	Stone et al.	1959
<i>gundeator</i> Dyar & Knab	---; ---; 85, 237	Stone et al.	1959
<i>gordoni</i> Evans	Pool; ---; 53	Evans	1924
<i>graculator</i> Dyar & Knab	Bromeliad; ---; 204	Dyar	1928 a
<i>harbator</i> Dyar & Knab	---; ---; 237	Lane	1953
<i>levis</i> Levi Castillo	---; ---; 99	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i> <i>habilitator</i> Dyar & Knab	Crab holes and ground pools near coast; ---; 19	Bonne & Bonne-Wepster	1925
	---; ---; 20	Root	1927
	Brackish pools and hooftracks, swampy fresh water areas; rest in shade; 22	Tulloch	1937
	Stagnant ditch; Oct.; 22	Wolcott	1936
	Crab holes; ---; 22	Weathersbee	1944 +
	---; experimental vector of <i>Wuchereria bancrofti</i> , rare; 23	O'Connor & Beatty	1938
	---; ---; 23*	Manson- Bahr	1959
	---; ---; 23, 91 (Ground pools, near coast, rock holes, crab holes)	Dyar	1928 a
	Hoofprints in muddy roadside, trench in coastal area, crab holes near mangroves; ---; 24	Edwards & Box	1940
	---; ---; 329, 346	Stone et al.	1959
<i>haynei</i> Komp & Curry	---; ---; 237	Komp & Curry	1932
<i>hedys</i> Root	Bromeliads; ---; 53	Root	1927 b
<i>hesitator</i> Dyar & Knab	---; along river; 82	Dyar	1924 e
	Hoofprints, ditches and exposed ground pools; ---; 85	Kumm et al.	1940
	---; ---; 204	Martinez Palacios	1952
	Stream edges; ---; 237	Bonne & Bonne-Wepster	1925
	Small swampy streams; May; 238	Dyar	1925 c
	---; ---; 328	Andure	1941
<i>holomene</i> Dyar	---; ---; 82, 85 (Ground pools)	Dyar	1925 c
<i>huxleyi</i> Theobald	---; ---; 53	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; ---; 27, 130, 328	Stone et al.	1959
<i>idottus</i>			
Dyar	Ground pools; common June-March, less active Nov.-Dec., in woods, enters houses by day; 53	Townsend	1934
	---; rare; 297	Roseboom & Koup	1950
<i>imitator</i>	---; ---; 27, 99, 204, 329, 347	Stone et al.	1959
Theobald	Bromeliads; ---; 53	Root	1927 <sub>b</sub>
	---; along river; 82	Dyar	1924 <sub>e</sub>
	---; ---; 82, 129, 329 (Bromeliads)	Dyar	1928 <sub>a</sub>
	Bromeliads; ---; 223	Woke	1947
	Leaf bases of <i>Tillandsia</i> ; Jan.; 237. Leaf bases of <i>Tillandsia</i> ; Aug.; 238. ---; ---; 311	Dyar	1925 <sub>c</sub>
	Bromeliads; common, coastal and interior region; 297	Bonne & Bonne-Depster	1925
	Bromeliads in jungle; ---; 328	Anduze	1942 <sub>a</sub>
<i>imitator</i>	Bromeliads; Oct.; 27	Mühlens et al.	1925
<i>imitator</i>			
Theobald	Bromeliads; May, Dec., in forest; 130	Floch & Abonnenc	1947 <sub>a</sub> +
	---; ---; 347	Lane	1953
<i>imitator</i>			
<i>retrosus</i>	Bromeliads; ---; 53	Lane & Whitman	1951
Lane & Whitman			
<i>implicator</i>	---; ---; 130	Stone et al.	1959
Senevet & Abonnenc			
<i>inadmirabilis</i>	---; ---; 53	Lane	1953
Dyar			
<i>indecorabilis</i>	---; ---; 53	Stone et al.	1959
(Theobald)			
<i>inducens</i>	---; ---; 328	Dyar	1928 <sub>a</sub>
Root			
<i>inflictus</i>	---; ---; 18, 346	Stone et al.	1959
Theobald			
	Roadside gutters; ---; 24	MacDonald	1917
	Crabholes; Aug.-Dec.; 24	Floch & Abonnenc	1945 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---		
<i>inflictus</i>	---; ---; 82, 85, 237, 328, 329 (Crabholes, ground pools on coast)	Dyar	1928 a
Theobald			
(cont.)	Tree holes; ---; 137	Root	1924 +
	Crabholes; ---; 204	Martinez Palacios	1952 a
	Crabholes along the coast, artificial containers; Oct.; 237 <sup>a</sup> . Crabholes along coast, artificial container; Feb.-Aug., Nov.-Dec.; 238 <sup>a</sup>	Dyar	1925 c
	Pit latrines; Oct. and Nov.; 237	Schapiro	1934
	Artificial containers, hollow in logs; ---; 237	Dunn	1934
<i>infolatus</i>	---; ---; 53, 240	Stone et al.	1959
Bonne-Wepster & Bonne	Tree holes, palm spathes; in jungle; 82	Komp	1936
	Tree holes, artificial containers, fallen leaves; ---; 130	Floch & Abonnenc	1947 a +
	Tree holes; Jan.; 297	Bonne-Wepster & Bonne	1919
	---; ---; 328	Anduze	1941
<i>inhibitor</i>	---; ---; 19	Stone et al.	1959
Dyar & Knab	---; ---; 21, 91, 328, 329, 347	Lane	1953
	Ditches, slow streams, pools, marshy places; common in coastal plains; 22	Wolcott	1936
	All types of fresh or brackish, clean water, rarely in polluted water; ---; 22	Tulloch	1937
	Roadside pools; ---; 22	Weathersbee	1944 +
	Grassy, temporary pools, ---; 82	Komp	1936
	Sunny ponds covered with <i>Pistia stratiotes</i> and other vegetation; ---; 85	Kum et al.	1940
	---; ---; 128, 135, 204	Martini	1935
	Grassy ditches; ---; 130	Floch & Abonnenc	1947 a +
	---; ---; 237 (Ground pools)	Dyar	1928 a
	Borrow pit with vegetation; ---; 262	Kum & Zeng	1942
<i>inimitabilis</i>	Bromeliads; ---; 53, 297, 328, 329	Dyar	1928 a
Dyar & Knab			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>inimitabilis</i> <i>fuscatus</i> Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
<i>innominatus</i> Evans	Small marshy ponds, ditches, lagoons; Feb., Apr., May; 53	Root	1927 b
	---; ---; 328	Dyar	1928 a
<i>innovator</i> Evans	River overflow; ---; 53	Root	1927 b
	Flooded areas; ---; 130	Floch & Abonnenc	1947 a +
<i>interfor</i> Dyar	---; ---; 21	Dyar	1928 a
	---; ---; 51	Lane	1953
<i>intermedius</i> Lane & Whitman	Bromeliads; ---; 53	Lane & Whitman	1951
<i>interrogator</i> Dyar & Knab	---; ---; 22	Porter	1967
	---; ---; 204. ---; ---; 237 (Dirty ground pools, tree holes)	Dyar	1928 a
	Artificial containers; ---; 223	Woke	1947
	Clear ground pools; Nov.; 238	Dyar	1925 c
	---; ---; 262	Stone et al.	1959
<i>intonsus</i> Galindo & Blanton	---; ---; 137	Stone et al.	1959
<i>intrinotatus</i> Brèthes	Rare; ---; 27, 297	Rozeboom & Komp	1950
	---; ---; 53	Dyar	1928 a
<i>iolambdis</i> Dyar	---; ---; 21, 82, 204	Stone et al.	1959
	Crab holes, densely shaded areas around roots of mangrove; ---; 22	Pratt & Seabrook	1952
	Pasture pools; ---; 85	Root	1924 +
	---; May, in forest; 130	Floch & Abonnenc	1947 a +
	Ground pools; ---; 237	Dyar	1928 a
	---; common; 237	Rozeboom & Komp	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>islandia</i> Dyar (cont.)	Edge of streams; May, July, Aug., Dec.; 233	Dyar	1925c
<i>iridescens</i> (Lutz)	Artificial containers, treeholes, Brazilnut shells, fallen leaves and fruit rinds; ---; 53	Kumm & Nevis	1938
	Bamboo; ---; 53	Lutz et al.	1918
	Treeholes, bamboo, palm spathes; ---; 82	Komp	1936
	Treeholes, canoes, diverse containers, especially of concrete; ---; 130	Floch & Abonnenc	1947 a +
	---; ---; 238	Bonne & Bonne-Wepster	1919 a
	Artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Martoreil	1939
<i>jamaicensis</i> Theobald	---; ---; 17	Dyar	1917
<i>janitor</i> Theobald	Crabholes; ---; 21	Dyar	1928 a
	Crabholes; ---; 22	Wolcott	1941
	---; Feb., Oct., in forest; 130	Floch & Abonnenc	1947 a +
<i>jenningsi</i> Dyar & Knab	Bromeliads; ---; 85	Kumm et al.	1940
	<i>Tillandsia</i> ; Jan.-Feb.; 237. <i>Tillandsia</i> ; Jan.-Feb., July-Aug., Dec.; 238	Dyar	1925c
	Bromeliad, tree holes; ---; 237	Galindo et al.	1951
	Bromeliads; ---; 238	Dyar	1928 a
<i>jocasta</i> Komp & Rozeboom	---; ---; 346	Stone et al.	1959
<i>jonistes</i> Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
<i>jubifer</i> Komp	Ground pools; ---; 237. ---; ---; 238	Rozeboom & Komp	1950
	---; ---; 328	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>jubilator</i> Dyar & Knab	---; ---; 85	Serre	1921
<i>kukenan</i> Anduze	Bromeliads; ---; 328	Anduze	1942 a
<i>kummi</i> Komp & Rozeboom	---; ---; 237	Stone et al.	1959
<i>lacertosus</i> Komp & Rozeboom	---; ---; 237	Stone et al.	1959
<i>laticlasper</i> Galindo & Blanton	---; ---; 237	Stone et al.	1959
<i>latisquama</i> (Coquillett)	---; common; 85	Rozeboom & Komp	1950
	---; ---; 85 (Crabholes)	Dyar	1928 a
	Crabholes; rare; 237. Crabholes; rare, Feb., July; 238	Dyar	1925 c
	---; ---; 297	Stone et al.	1959
<i>lepostenis</i> Dyar	---; ---; 204. Bromeliads; ---; 237	Bonne & Bonne-Wepster	1925
	<i>Tillandsia</i> ; May; 237	Dyar	1925 c
<i>leprincei</i> Dyar & Knab	---; ---; 22. Among <i>Azolla</i> and other water plants in an open space in river-flat marsh; Mar.; 53. ---; ---; 137	Root	1927 b
	---; ---; 204	Dyar	1923 b
	Permanent ground pools, sluggish rivers; Dec.; 237. Permanent ground pools, sluggish rivers; Feb.-May, July-Sept.; 238. ---; ---; 347	Dyar	1925 c
	Small stream; ---; 328	Dyar	1925 d
<i>levi-castilloi</i> Lane	---; ---; 99	Lane	1953
<i>limacifer</i> Komp	---; rare; 85, 238	Rozeboom & Komp	1950
	---; ---; 204, 237	Stone et al.	1959
<i>lotorus</i> Dyar	---; ---; 328	Dyar	1925 d
<i>lucifugus</i> Komp	---; ---; 82, 328. ---; common; 329	Rozeboom & Komp	1950
<i>lugens</i> Lutz	---; ---; 53	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>luteopleuris</i> Theobald	---; ---; 53	Dyar	1928a
<i>lygrus</i> Root	Small ditches, pools with vegetation; ---; 53	Root	1927 b
<i>macaronensis</i> Dyar & Nuñez Tovar	---; ---; 328	Dyar	1928 a
<i>madininensis</i> Senevet	---; ---; 24	Lane	1953
	---; ---; 346	Stone et al.	1959
<i>manaensis</i> Floch & Fauran	---; ---; 130	Stone et al.	1959
<i>manaosensis</i> Evans	---; ---; 53	Dyar	1928 a
<i>maracayensis</i> Evans	---; ---; 82, 328 (Deep ground holes, enter houses, bites man)	Dyar	1928 a
	Clay puddles by roads; ---; 328	Hecht & Anduze	1944
	---; rare in dry season, common after rains; 329	van der Kuyp	1949 a
<i>marmoratus</i> Philippi	---; ---; 75	Dyar	1924 a
<i>maroniensis</i> Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1919 a
<i>mathesoni</i> Anduze	---; ---; 53, 82, 328	Stone et al.	1959
<i>mauesensis</i> Lane	---; ---; 53	Lane	1953
<i>maxi</i> Dyar	---; May-June; 27	Dyar	1928 a
	---; ---; 53	Lane	1953
<i>maxinocca</i> Dyar	---; ---; 297 (Ground pools)	Dyar	1928 a
<i>megapus</i> Root	Jungle pools; ---; 53	Root	1927 b
<i>melanoconion</i>	---; ---; 85	Butts	1947
<i>menytes</i> Dyar	---; ---; 53, 137, 328	Stone et al.	1959
	---; Jan.-Apr., June, Nov., woods; 130	Floch & Abonnenc	1947 a, b
	---; March; 237	Dyar	1928 a



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>merodaemon</i> Dyar	---; Dec.; 85	Dyar	1925 e
<i>meroneus</i> Dyar	---; Nov.-Dec.; 82	Dyar	1925 a
<i>metempsychus</i> Dyar	---; ---; 82	Stone et al.	1959
	Bamboos; ---; 85	Dyar	1928 a
	Tree holes; rare; 237	Galindo et al.	1951
<i>microphyllus</i> Root	Bromeliads; ---; 53	Root	1927 b
<i>missionensis</i> Duret	---; ---; 27, 53	Stone et al.	1959
<i>mistura</i> Komp & Rozeboom	---; ---; 53, 82, 130, 237, 328	Stone et al.	1959
<i>mojuensis</i> Duret & Damasceno	---; ---; 53	Stone et al.	1959
<i>mollis</i> Dyar & Knab	Artificial containers, tree holes, Brazil nut shells, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
	---; Sept., bites in woods in early morning; 53°	Strong et al.	1926
	Artificial containers, tree holes, bamboo, ground pools; ---; 82	Komp	1936
	Tree holes; ---; 85	Kumm et al.	1940
	---; ---; 99, 137, 138, 240	Stone et al.	1959
	Artificial containers; woods, thickets; 130	Floch & Abonnenc	1947 a +
	---; ---; 204. Ground pools, tree holes, bamboo; ---; 237. Ground pools, tree holes, bamboo; Jan.- April, June-Aug., Dec.; 238	Dyar	1925 c
	Artificial containers; ---; 223	Woke	1947
	Tree holes, bamboo traps, ground pools; May-Dec., common May and June; 237	Galindo et al.	1951
	Rainwater-filled palm flower-sheath; ---; 238	Dyar & Shannon	1924 a
	Tree holes; Oct.; 297	Bonne-Wepster & Bonne	1921 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>mollis</i>	Ground pools, artificial containers, tree holes, cocoa husks, prefers foul water; ---; 297	Bonne & Bonne-Wepster	1925
Dyar & Knab (cont.)	Puddles in jungle; ---; 328	Hecht & Anduze	1944
	---; rivers; 328	Dyar	1925d
	---; ---; 328, 329, 346 (Tree holes)	Dyar	1928a
	---; ---; 347	Lane	1953
<i>mortificator</i>	---; ---; 85	Serre	1921
Dyar & Knab			
<i>mulrennani</i>	---; ---; 18	Stone et al.	1959
Basham			
<i>multispinosus</i>	Permanent pools; May; 297	Bonne-Wepster & Bonne	1919a
Bonne-Wepster & Bonne			
<i>mutator</i>	Rockholes near river; ---; 85	Kumm et al.	1940
Dyar & Knab			
	---; ---; 85, 204, 237 (Ground pools)	Dyar	1928a
	---; rare; 204	Rozeboom & Komp	1950
	Ground pools; Jan.; 238	Dyar	1925c
<i>mychonde</i>	---; ---; 237	Dyar	1928a
Komp			
<i>nanus</i>	---; ---; 17	Dyar	1917
Coquillett			
<i>neglectus</i>	Bromeliad; ---; 53	Dyar	1928a
Lutz			
	Bamboos; ---; 53	Lane & Whitman	1951
<i>nicoerensis</i>	Ground pools; Dec., May; 297	Bonne-Wepster & Bonne	1919
Bonne-Wepster & Bonne			
	---; ---; 328 (Ground pools)	Dyar	1928a
<i>nigrescens</i>	---; ---; 53, 130, 328	Stone et al.	1959
(Theobald)			
<i>nigricorpus</i>	---; ---; 53	Stone et al.	1959
(Theobald)			
<i>nigrimacula</i>	---; ---; 53	Lane	1953
Lane & Whitman			
	---; June, Nov., trees in forest; 130	Floch & Abonnenc	1947 a +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX nigripalpus Theobald</i>	---; ---; 17, 53, 69, 82, 99, 204, 237, 328, 329, 346, 347 (Clear ground pools, swampy permanent water)	Dyar	1928 a
	---; ---; 18, 19, 20, 21	Porter	1967
	Temporary meadow pool, sewage polluted ditch, small pond; at light, Aug.-Oct.; 22	Wolcott	1936
	Artificial containers, rain pools; enter houses and tents; 22°. Open concrete cisterns; ---; 23	Weathersbee	1944 +
	---; common; 22	Wolcott	1941
	Flooded savannahs, small grassy streams, ponds, swamps and artificial containers; Sept., small woods and cacao plantations; 24	Floch & Abonnenc	1945 +
	Hoofprints in muddy roadside trench in coastal area; ---; 24	Edwards & Box	1940
	---; ---; 27, 51, 75, 239, 240	Lane	1953
	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 53	Davis	1935
	---; experimentally infected with yellow fever; 53	Whitman & Antunes	1937
	---; June; 53	Root	1927 b
	Artificial containers; Aug.-Sept., common indoors; 82	Komp	1936
	Small pools; ---; 85, 137	Root	1924 +
	---; forest; 85	Kumm et al.	1940
	Marshes; ---; 99	Dyar	1925 b
	---; March-July; 99	Campos	1925 +
	---; ---; 128	Martini	1935
	Vegetated streams, ponds, temporary pools, rock holes, near the sea; on walls and in woods; 130	Floch & Abonnenc	1947 a +
	---; ---; 204, 346, 347. Clear swamp and coral pools; ---; 237. Clear swamp and coral pools; Jan., April-July, Oct.-Dec.; 238	Dyar	1925 c
	Artificial containers, fresh, muddy and polluted water, wheel ruts, pits, in sun and shade; ---; 223	Woke	1947

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	Tree holes, ground pools; ---; 237	Galindo et al.	1951
<i>nigripalpus</i>			
Theobald	Wells, sunny pool; ---; 262	Kumm & Zuniga	1942
(cont.)	---; along rivers; 328	Dyar	1925 d
	---; very rare; 329	van der Kuyp	1949 a
<i>nigripalpus</i>			
<i>similis</i>	---; ---; 204. Ground pools; ---; 297	Bonne & Bonne-Wepster	1925
Theobald			
<i>nigripalpus</i>	---; ---; 20	Root	1927
var. <i>similis</i>	Temporary meadow pools, ditch highly polluted with sewage; July-Aug.; 22	Root	1922
Theobald			
<i>nigriscens</i>	---; ---; 53	Dyar	1928 a
(Theobald)	Rockholes; small woods, June; 130	Floch & Abonnenc	1947 a +
<i>ocellatus</i>	---; ---; 51, 82, 130	Stone et al.	1959
Theobald	---; ---; 53, 297, 329 (Bromeliaceae)	Dyar	1928 a
	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925
<i>oedipus</i>	---; ---; 27, 237	Stone et al.	1959
Root	Jungle pools; Feb. and Mar.; 53	Root	1927 b
<i>opiathopus</i>	Crabholes; ---; 22, 137, 237	Lane	1953
Komp	---; ---; 204	Martinez Palacios	1952
<i>orfilai</i>	---; ---; 27	Stone et al.	1959
Duret			
<i>originator</i>	Rotten tree stump; all year, in forest; 53	Gordon & Evans	1922
Gordon & Evans	Treeholes, fallen leaves and fruit rinds, artificial containers; ---; 53	Kumm & Novis	1938
	Tree holes, bamboo; in forest; 130	Floch & Abonnenc	1947 a +
<i>ousqua</i>	---; ---; 238	Dyar	1922
Dyar			
<i>paganus</i>	---; ---; 53, 328	Stone et al.	1959
Evans			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>pallipes</i> Robineau-Desvoidy	---; ---; 53	Stone et al.	1959
<i>panocossus</i> Dyar	---; ---; 129, 237, 297. Among roots of <i>Pistia</i> ; Feb.; 238	Dyar	1923 b
<i>paraerybda</i> Komp	---; ---; 27	Stone et al.	1959
	---; rare; 237	Rozeboom & Komp	1950
<i>paraplesia</i> Dyar	---; Feb.; 82	Dyar	1922 c
<i>pasadaemon</i> Dyar	---; Jan.; 85	Dyar	1921 b
<i>patientiae</i> Floch & Fauran	---; ---; 130	Stone et al.	1959
<i>peccator</i> Dyar & Knab	---; ---; 22, 204	Stone et al.	1959
<i>petersoni</i> Dyar	Pools; ---; 17	Bonne & Bonne-Wepster	1925
	Large pond near seashore, pools; Oct.; 23	Dyar	1920 a
<i>peus</i> Speiser	---; ---; 82, 85, 128, 204, 262, 328	Stone et al.	1959
<i>phlabistus</i> Dyar	---; ---; 297	Stone et al.	1959
<i>phlogistus</i> Dyar	---; ---; 53, 297, 328	Dyar	1928 a
	---; ---; 82, 237	Stone et al.	1959
<i>picotipennis</i> Philippi	---; ---; 75	Dyar	1924 a
<i>pifanoi</i> Anduze	---; ---; 328	Stone et al.	1959
<i>pilipes</i> Macquart	---; ---; 53	Stone et al.	1959
<i>pilosus</i> (Dyar & Knab)	---; ---; 17, 21, 27, 239, 328, 347	Stone et al.	1959
	---; ---; 18, 53, 130, 137, 262	Lane	1953
	Roadside ditch; peak Nov., May; 22	Tulloch	1937
	---; along river; 82. ---; ---; 204, 297, 346 (Temporary rain pools). In surface water following rain; ---; 237	Dyar	1924 e

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i> <i>pilosus</i> (Dyar & Knab) (cont.)	Exposed hoofprints, ditches, pools; ---; 85	Kumm et al.	1940
	Temporary surface water in jungle; ---; 99	Dyar	1925b
	---; March-Apr.; 99	Campos	1925 +
	Temporary pools, grassy holes and streams; Jan.-Feb., Apr.-Aug., Nov.; 130	Floch & Abonnenc	1947a +
	---; ---; 138	Martini	1935
	Ditch with grass and dried leaves; ---; 223	Woke	1947
	Temporary surface pools, jungle pools; June-Aug.; 238	Dyar	1925c
	Sunny ditch with vegetation; ---; 262	Kumm & Zuniga	1942
<i>pinarocampa</i> Dyar & Knab	Rock pools, streams and ditches; ---; 204	Dyar	1928a
	---; ---; 237	Stone et al.	1959
<i>pipiens</i> <i>fatigans</i> Wiedemann	---; ---; 23*, 129*. ---; naturally infected with <i>Wuchereria bancrofti</i> ; 53*	Manson-Bahr	1959
	Treeholes, artificial containers; domestic, bite in evening; 24°	Floch & Abonnenc	1945 +
	---; all year, bite at night; 99°	Campos	1925 +
	Covered gutters during dry season, artificial containers during wet season; enter houses; 130°	Floch	1951 +
<i>pipiens</i> <i>pallens</i> Coquillett	---; ---; 204	Stone et al.	1959
<i>plectoporce</i> Root	Vegetated ditches and small pools; ---; 53	Root	1927b
	Swamps; Jan.-Oct., common Jan.; 130	Floch & Abonnenc	1947a +
	---; common; 237	Rozeboom & Komp	1950
<i>pleuristriatus</i> Theobald	---; ---; 51, 347	Stone et al.	1959
	Artificial containers; ---; 53	Kumm & Novis	1938
	Bromeliads; ---; 53	Lane & Whitman	1951
	---; ---; 129, 328, 329 (Bromeliad)	Dyar	1928a
	Bromeliads, <i>Musa</i> , rarely on artificial containers; ---; 130	Floch & Abonnenc	1947a +
	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>portesi</i> Senevet & Abonnenc	---; ---; 130	Rozeboom & Komp	1950
<i>proclinator</i> Dyar & Knab	---; ---; 85	Serre	1921
<i>peatharus</i> Dyar	---; ---; 237	Dyar	1923 c
	Brackish jungle pools; ---; 238	Dyar	1928 a
	---; hospital screens, June; 238	Dyar	1925 c
	---; common; 238	Rozeboom & Komp	1950
<i>pseudotaeniopus</i> Galindo & Blanton	---; ---; 237	Stone et al.	1959
<i>punctiscapularis</i> Floch & Abonnenc	---; ---; 130	Rozeboom & Komp	1950
<i>putumayensis</i> Matheson	Artificial containers; ---; 53	Kumm & Novis	1938
	---; rare; 53	Rozeboom & Komp	1950
	---; ---; 99	Stone et al.	1959
	---; in burrows; 130	Floch & Abonnenc	1947 a +
	---; Aug.; 240	Matheson	1934
<i>quadrifoliatus</i> Komp	---; ---; 237	Lane	1953
	---; rare; 238	Rozeboom & Komp	1950
<i>quasihibridus</i> Galindo & Blanton	---; ---; 237	Stone et al.	1959
<i>quinfasciatus</i> Say	---; ---; 17, 18, 19, 20	Porter	1967
	Polluted water in pools around houses; ---; 21	Edwards	1937
	Clear water with sewage. in houses; 22*	Tulloch	1937
	Artificial containers near houses; common in coastal plains, bites readily in the evening, June-Aug.; 22*	Root	1922
	Mudholes, cisterns, pools, cesspools, artificial containers; carrier of dengue fever and filariasis; 23	Wilson	1922

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	Wells; ---; 24	van der Kuyp	1949 a
<i>quinquefasciatus</i>	Artificial containers and in wells; common, enters houses, possible vector of <i>Wuchereria bancrofti</i> ; 24	van der Kuyp	1948
Say	Pools; enters houses, October-November; 27	Mühlens et al.	1925
(cont.)	---; common in houses; 53	Pinto	1930
	---; June; 75	Dyar	1924 a
	Artificial containers with plants, pools in patio, tree holes, cess pit; in houses; 82	Dunn	1929
	---; ---; 85*	Butts	1947
	---; ---; 99	Dyar	1925 b
	Artificial containers; ---; 129	Haslam	1925
	---; common; 204	Martinez Palacios	1952
	Artificial containers; enters houses, bites by night, Oct.; 237°. Artificial containers; enters houses, bites by night, Feb.-March, May-July, Oct.; 238	Dyar	1925 c
	Latrines; Oct.-Nov.; 237	Schapiro	1934
	Moats at base of foundation pillars; ---; 297	Stage	1947
	Artificial containers; enters houses; 328	Dyar	1925 d
	Artificial containers, rock holes and ground pools; ---; 329	van der Kuyp	1948 a
<i>rabanicolus</i>	---; Feb., June, Aug.; 130	Floch & Abonnenc	1947 a +
Floch & Abonnenc			
<i>reducens</i>	---; ---; 53	Lane & Whitman	1951
Lane & Whitman			
<i>reductor</i>	---; ---; 17	Dyar	1917
Dyar & Knab	---; ---; 21	Bonne & Bonne-Wepster	1925
<i>reevesi</i>	---; ---; 204	Martinez Palacios	1952
Wirth			
<i>reflector</i>	Ground pools, artificial containers; ---; 237	Bonne & Bonne-Wepster	1925
Dyar & Knab			



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>reginae</i> Floch & Fauran	---; ---; 130	Stone et al.	1959
<i>rejelector</i> Dyar & Knab	Bromeliad; ---; 204	Dyar	1928 a
<i>restrictor</i> Dyar & Knab	---; ---; 85, 204 (Tree holes) Tree holes; caves; 262	Dyar Kumm & Zuniga	1925 c 1942
	---; ---; 328	Anduze	1941
<i>restuans</i> Theobald	---; ---; 17 ---; ---; 204	Dyar Martinez Palacios	1917 1952
<i>rooti</i> Rozeboom	---; ---; 27, 82, 204 Temporary pools; common; 237	Stone et al. Rozeboom & Komp	1959 1950
<i>rorotaensis</i> Floch & Abonnenc	---; Aug., Oct., in forest; 130	Floch & Abonnenc	1947 a +
<i>ruffinis</i> Dyar & Shannon	---; ---; 53, 328. Sedge swamp on beach; ---; 237 ---; July; 238	Dyar Dyar & Shannon	1928 a 1924 b
<i>salinarius</i> Coquillett	---; ---; 17, 204	Stone et al.	1959
<i>saltanensis</i> Dyar	---; ---; 27	Duret	1950 b
<i>salteño</i> Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
<i>saramaccensis</i> Bonne-Wepster & Bonne	Rock pools, rivers; Dec.; 297 Artificial containers; ---; 297	Bonne-Wepster & Bonne Bonne & Bonne-Wepster	1919 1925
	---; rare; 297	Rozeboom & Komp	1950
<i>sardinerae</i> Fox	---; ---; 22, 237	Stone et al.	1959
<i>scimitar</i> Branch & Seabrook	---; ---; 17, 18	Porter	1967

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>scutatus</i> Rozeboom & Komp	---; ---; 82	Stone et al.	1959
<i>secundus</i> Bonne-Wepster & Bonne	---; ---; 53	Lane	1953
	Tree holes, bamboo, palm spathes; ---; 82	Komp	1936
	Bamboo, tree holes; rare; 237. Bamboo, tree holes; rare, May-June, Aug.; 238	Dyar	1925 c
	Palm spathes, artificial containers; May-Oct.; 237	Galindo et al.	1951
	Flower-sheath of palm lying on ground; ---; 238	Dyar & Shannon	1924 a
<i>secutor</i> Theobald	---; ---; 19, 20	Porter	1967
	---; ---; 21, 91, 328, 346	Stone et al.	1959
	Shaded pools; ---; 22	Tulloch	1937
	Artificial containers; ---; 22	Wolcott	1936
	Ground pools, artificial containers; ---; 346	Bonne & Bonne-Wepster	1925
<i>serotinus</i> Philippi	---; ---; 75	Dyar	1924 a
<i>serraticarge</i> Root	Jungle pool; ---; 53	Root	1927 b
	Flooded savannahs; May-June, Sept., in forest; 130	Floch & Abonnenc	1947 a +
	---; common; 237	Rozeboom & Komp	1950
<i>serratus</i> Theobald	---; ---; 17	Dyar	1917
<i>similis</i> Dyar & Knab	---; ---; 17	Dyar	1917
<i>simulator</i> Dyar & Knab	---; ---; 329	Stone et al.	1959
<i>sollicitans</i> Walker	---; ---; 17	Dyar	1917
<i>soperi</i> Antunes & Lane	---; ---; 53	Lane	1953
<i>spanius</i> Dyar & Knab	---; ---; 237	Dyar	1923 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>ephinx</i> Howard, Dyar & Knab	Coral rock pools; ---; 17	Bonne & Bonne-Wepster	1925
<i>spinosus</i> Lutz	---; ---; 53	Lane	1953
<i>epissipes</i> (Theobald)	---; ---; 51	Carqueira	1943 a +
	---; ---; 82, 204, 329	Stone et al.	1959
	Pools with clear water and vegetation, irrigation canals, swamps, ponds, rockholes on seashore; ---; 130°	Floch & Abonnenc	1947 a +
	---; ---; 138	Martini	1935
	---; common; 237	Rozeboom & Komp	1950
	---; rare, May; 238	Dyar	1925 c
	Permanent pools; ---; 297	Bonne & Bonne-Wepster	1925
	Lagoons, rockholes; ---; 328	Hecht & Anduze	1944 +
	---; along rivers; 328	Dyar	1925 d
<i>stenolepis</i> Dyar & Knab	Bromeliads; ---; 85	Kumm et al.	1940
	Bromeliaceae; ---; 204	Dyar	1928 a
<i>stigmatosoma</i> Dyar	Pools beside streams, ponds, ditches, seepage areas, swamps, hoofprints, always exposed; ---; 85	Kumm et al.	1940
	---; ---; 128, 328 (Streambed pools, artificial containers)	Dyar	1928 a
	Ditches, pools, stagnant water with vegetation; enter houses; 204	Hoffmann	1937
	Sunny ground pools, seepage areas; ---; 262	Kumm & Zuniga	1942
<i>stonei</i> Lane & Whitman	---; ---; 297, 329	Stone et al.	1959
<i>surinamensis</i> Dyar	---; ---; 51, 53	Stone et al.	1959
	Rock pools on edge of rivers, pools, artificial containers; ---; 130	Floch & Abonnenc	1947 a +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	Ground pool; ---; 297	Dyar	1928 a
<i>surinamensis</i>	Rock pools, artificial containers; ---; 297	Bonne & Bonne-Wepster	1925
Dyar	---; March; 297	Dyar	1918
(cont.)	Puddles; Nov.-Dec.; 328	Hecht & Anduze	1944
	---; ---; 347	Lane	1953
<i>sursumptor</i>	Pools; ---; 82	Dyar	1925 a
Dyar	---; along river; 82	Dyar	1924 e
	---; ---; 237, 328	Stone et al.	1959
<i>taeniopus</i>	---; ---; 21, 27, 51, 53, 82, 99, 130, 139, 223, 297	Stone et al.	1959
Dyar & Knab	---; Mar., in forest; 130	Floch & Abonnenc	1947 a +
	Rock pools along stream; rare; 237	Dyar	1925 c
	---; Aug.; 240	Matheson	1934
	---; in houses; 297	Bonne & Bonne-Wepster	1925
	---; along rivers; 328	Dyar	1925 d
<i>tapena</i>	---; ---; 297	Bonne-Wepster & Bonne	1923 a
Dyar			
<i>tarsalis</i>	Permanent ground pools; enters houses; 204°	Dyar	1928 a
Coquillett			
<i>teomarsis</i>	---; June; 237	Dyar	1925 c
Dyar	Ground pools; Oct.; 238	Dyar	1928 a
	---; along rivers; 328	Dyar	1925 d
<i>terebor</i>	---; ---; 297	Bonne-Wepster & Bonne	1923 a
Dyar			
<i>territans</i>	---; ---; 17	Dyar	1917
Walker	---; ---; 204	Martinez Palacios	1950

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; ---; 27, 51, 53, 82, 240	Stone et al.	1959
<i>theobaldi</i> (Lutz)	---; ---; 237. Ground pools; ---; 297	Bonne & Bonne-Wepster	1925
	Swamps; ---; 328	Hecht & Anduze	1944
<i>thomasi</i> Evans	Flooded savannahs, swamps and pools; Sept.; 24	Floch & Abonnenc	1945 +
	---; ---; 53	Dyar	1928 a
	Unshaded, vegetated collections of clear water in large savannahs; in forest; 130	Floch & Abonnenc	1947 a +
	---; ---; 346	Stone et al.	1959
<i>thriambus</i> Dyar	Pools and ditches near rivers and streams with fallen leaves; ---; 204	Martinez Palacios	1952 a
<i>tisseuilli</i> Senevet	---; ---; 130	Stone et al.	1959
<i>titillans</i> Walker	---; ---; 204	Séguy	1924
<i>tosimus</i> Dyar	---; ---; 297	Bonne-Wepster & Bonne	1923 a
<i>tournieri</i> Senevet & Abonnenc	---; ---; 130	Rozeboom & Komp	1950
<i>tovari</i> Evans	---; ---; 328	Evans	1924
<i>tramazayguesi</i> Duret	---; ---; 27	Stone et al.	1959
<i>trifidus</i> Dyar	Sunny pools beside stream with <i>Spirogyra</i> and debris; ---; 85	Kumm et al.	1940
	---; ---; 137, 204, 237	Stone et al.	1959
	Sunny pools in streams with <i>Spirogyra</i> , borrow pit; ---; 262	Kumm & Zuniga	1942
<i>trilobulatus</i> Duret & Barreto	---; ---; 53	Stone et al.	1959
<i>trivittatus</i> Coquillett	---; ---; 17	Dyar	1917
<i>tryohms</i> Root	Bromeliads; ---; 53	Root	1927 b

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>			
<i>unicornis</i> Root	---; ---; 328	Anduze	1943 a
<i>urichii</i> (Coquillett)	---; ---; 51, 237, 328, 347	Stone et al.	1959
	Artificial containers, treeholes, empty Brazil nut shells, fallen leaves, temporary ground pools; ---; 53	Kumm & Novis	1938
	Tree holes, palm spathes, bamboo; bite man in jungle; 82°	Komp	1936
	---; ---; 129, 240	Lane	1953
	Treeholes, fallen leaves; Feb.-June, Aug., Nov., in forest; 130	Floch & Abonnenc	1947 a +
	Treeholes, bamboo; May, Sept-Dec.; 237	Galindo et al.	1951
	Artificial containers, palm sheaths on the ground, tree holes; all year; 297	Bonne & Bonne-Wepster	1925
	---; ---; 329 (Bamboo, tree holes)	Dyar	1928 a
<i>usquatissimus</i> Dyar	---; Oct.; 238	Dyar	1922
<i>usquatus</i> Dyar	Puddles, artificial containers; February; 297	Dyar	1918
<i>vapulans</i> Dyar	---; ---; 138	Martini	1935
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
<i>venezuelensis</i> Anduze	---; ---; 328	Lane	1953
<i>verrillifer</i> Komp	Bamboo, treeholes; Jan., Apr., Aug.-Dec., common Jan., Apr. and Dec.; 237	Galindo et al.	1951
	---; ---; 238	Rozeboom & Komp	1950
<i>vidali</i> Floch & Fauran	---; ---; 130	Stone et al.	1959
<i>virgultus</i> Theobald	Flooded savannahs, small mountain ditches, streams near sea; woods; 24	Floch & Abonnenc	1945 +
	---; ---; 53, 325	Dyar	1928 a
	Weedy ditches, coconuts and old canoes, streams; ---; 130	Floch & Abonnenc	1947 a +
<i>vittatus</i> Philippi	---; ---; 75	Dyar	1924 d

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>CULEX</i>	---; Jan., Mar.; 130	Floch & Abonnenc	1947 a +
<i>vomerifer</i> Komp	---; ---; 237	Komp	1932
<i>wepsterae</i> Komp & Rozeboom	---; ---; 297	Stone et al.	1959
<i>wilsoni</i> Lane & Whitman	---; ---; 53	Lane	1953
<i>worontzowi</i> Pessôa & Galvão	Bromeliads; ---; 53	Lane & Whitman	1951
<i>xivylis</i> Dyar	---; ---; 237, 297 (Ground pools)	Dyar	1928 a
<i>ybarnia</i> Dyar	---; ---; 53, 130, 297	Stone et al.	1959
<i>zeteki</i> Dyar	---; ---; 130, 237, 297, 328	Stone et al.	1959
	---; Jan., July, Sept.; 238	Dyar	1925 c
<i>CULISETA</i>			
<i>dugesii</i> Dyar & Knab	---; ---; 69, 204 (Permanent stagnant pools)	Dyar	1925 c
<i>inornata</i> (Williston)	---; ---; 204 (Stagnant permanent pools, artificial containers)	Dyar	1928 a
<i>particeps</i> (Adams)	---; ---; 85, 204, 262	Stone et al.	1959
<i>DEINOCERITES</i>	---; ---; 17, 19, 20	Porter	1967
<i>caner</i> Theobald	---; ---; 18, 21, 23, 53, 128, 129, 130, 204, 297, 328 (Crab holes)	Lane	1953
	Coastal plains near the ocean and lagoons with crab holes; July-Aug.; 22	Root	1922
	---; occasionally enter houses at night; 22°	Tulloch	1937
	Crab holes among mangroves in forest; ---; 24	Edwards & Box	1940
	Brackish water, crab holes around lagoons and wayside ditches; ---; 24	MacDonald	1917
	Beach pool; ---; 24	van der Kuyp	1948
	---; ---; 91, 128, 138, 223	Stone et al.	1959
	Crabholes; ---; 129	Vevers	1924 +
	---; June; 130°	Floch & Abonnenc	1947b +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>DEINOCERITES</i>	Crabholes, well; ---; 329	van der Kuyp	1948 a
<i>oaner</i>	---		
Theobald (cont.)	---; ---; 346	Bonne & Bonne-Wepster	1925
<i>dyari</i>	---; ---; 237	Stone et al.	1959
Belkin & Hogue			
<i>epitadeus</i>	---; ---; 85 (Crabholes)	Lane	1953
(Knab)	---; ---; 204	Vargas	1939
	---; crab holes near tidal marsh; 223	Woke	1947
	Crab holes; ---; 237. Crab holes, April, June-Aug., Dec.; 238	Dyar	1925 c
<i>howardi</i>	---; ---; 204	Stone et al.	1959
Belkin & Hogue			
<i>magnus</i>	---; ---; 22, 23	Porter	1967
(Theobald)	---; ---; 53, 129, 297, 346	Stone et al.	1959
<i>mcdonaldi</i>	---; ---; 204	Stone et al.	1959
Belkin & Hogue			
<i>melanophylum</i>	---; ---; 82, 328	Stone et al.	1959
Dyar & Knab	---		
	---; ---; 137. Crab holes; Jan.; 237. Crab holes; June-Aug., Oct.-Nov., March; 238	Dyar	1925 c
<i>monospathus</i>	---; April; 238	Dyar	1925 c
Dyar			
<i>pseudus</i>	Crabholes; enters houses; 85	Kumm et al.	1940
Dyar & Knab	Crabholes; ---; 204	Dyar	1928 a
	Well water, crab holes; indoors; 223	Woke	1947
	Crab holes; ---; 237. Crab holes; Jan., April-July, Dec.; 238	Dyar	1925 c
	Crab holes; houses; 262	Kumm & Zuniga	1947
	---; ---; 328	Anduze	1941
<i>spanius</i>	Crabholes, artificial containers; May; 237°.	Dyar	1925 c
(Dyar & Knab)	Crabholes, artificial containers; Jan.-April, June, Nov.-Dec.; 238°		
<i>tetrastpathus</i>	---; ---; 128, 137, 223	Bonne & Bonne-Wepster	1925
Dyar & Knab			
<i>troglydytus</i>	Crab holes along shore; ---; 24, 329, 347. ---, enter houses; 297°	Bonne & Bonne-Wepster	1925
Dyar & Knab			



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>DENDROMYIA</i>			
<i>albosquamata</i> (Bonne-Wepster & Bonne)	Bromeliads; ---; 297	Dyar	1928a
<i>aparonoma</i> Dyar & Knab	Tree stumps; ---; 82° ---; ---; 82	Komp Patino- Camargo	1936 1940
	---; ---; 85, 129, 237, 262, 297, 328 (Tree holes, nut-husks, bamboo)	Dyar	1928a
<i>autocratia</i> Dyar & Knab	Bromeliads; ---; 329	Dyar	1928a
<i>bourrouli</i> Peryassú	Bromeliads; ---; 53	Dyar	1928a
<i>chalocephala</i> Dyar & Knab	---; rare; 128, 237 (Flower-bracts of <i>Heliconia</i> )	Dyar	1928a
<i>circumcinota</i> (Dyar & Knab)	Bromeliads; ---; 237	Dyar	1928a
<i>elasolenoa</i> (Dyar & Knab)	---; ---; 24, 237, 297	Dyar	1928a
<i>coenonius</i> (Howard, Dyar & Knab)	<i>Calathea</i> flower bracts; ---; 237	Dyar	1928a
<i>complosa</i> Dyar	Bromeliads; ---; 82° ---; ---; 237	Komp Dyar	1936 1928a
<i>confusa</i> Lutz	Bromeliads; ---; 53 ---; forest, Aug.; 53°	Prado Lane	1935 1936
<i>eloisa</i> Howard, Dyar & Knab	Flower bracts of <i>Calathea</i> in dense jungle; ---; 82	Komp	1936
<i>favor</i> Dyar & Nuñez Tovar	---; ---; 328	Dyar	1928a
<i>felicita</i> Dyar & Nuñez Tovar	<i>Colocasia</i> and flower bracts of <i>Heliconia</i> ; ---; 328	Dyar	1928a
<i>flui</i> (Bonne-Wepster & Bonne)	---; ---; 297	Dyar	1928a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>DENDROMYIA</i> <i>intonca</i> (Dyar & Knab)	Leaf bases of <i>Ananas magdalenae</i> ; ---; 237	Dyar	1926a
<i>jeroba</i> Dyar & Knab	---; ---; 237	Dyar	1928a
<i>lanceolata</i> (Bonne-Wepster & Bonne)	Bromeliads; ---; 297	Dyar	1928a
<i>luteoventralis</i> (Theobald)	---; ---; 53	Dyar	1928a
	---; ---; 328	Martorell	1939
	---; ---; 329	Lassalle	1916
<i>melanocephala</i> Dyar & Knab	<i>Colocasia</i> leaves; ---; 82	Komp	1936
	---; ---; 129, 237, 297, 328 (In <i>Colocasia</i> , bites by day in shaded places)	Dyar	1928a
<i>melanoides</i> Root	Bamboo; ---; 53	Dyar	1928a
<i>mystes</i> Dyar	Aroid leaves; ---; 53	Dyar	1928a
<i>personata</i> (Lutz)	---; forest, Aug., Sept.; 53°	Lane	1936
	--; ---; 328	Martorell	1939
<i>phroso</i> Howard, Dyar & Knab	---; ---; 237	Dyar	1928a
<i>prolepidia</i> Dyar & Knab	<i>Colocasia</i> ; ---; 237	Dyar	1928a
<i>roucouyana</i> Bonne-Wepster & Bonne	---; March; 297	Bonne-Wepster & Bonne	1919a
<i>ulocoma</i> Theobald	---; ---; 237, 328 (Flower bracts of <i>Calathea</i> )	Dyar	1928a
<i>GUTTA</i> <i>diaphana</i> Dyar & Knab	---; ---; 297	Bonne-Wepster & Bonne	1923a
<i>gypini</i> Martini	---; ---; 237	Dyar	1923c
	---; ---; 238	Dyar & Shannon	1924a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>GOELDIA</i>	---; April; 53°	Del Ponte & Cerqueira	1938
<i>fluviatilis</i> Theobald	---; ---; 53, 128, 138	Martini	1935
	---; ---; 204	Vargas	1939
	---; ---; 223	Bonne & Bonne-Wepster	1925
	---; in forest; 262°	Kumm & Zuniga	1942
<i>frontosa</i> Theobald	---; ---; 129	Dyar	1928 a
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
<i>homotina</i> Dyar & Knab	Flower bracts of <i>Calathea</i> ; ---; 237	Bonne & Bonne-Wepster	1925
<i>lampropus</i> Howard, Dyar & Knab	Ground husks and bamboo; ---; 237. Ground-husks and bamboo; July; 238	Dyar	1925 c
	Palm spathe on ground, predacious on <i>Joblotia</i> <i>digitatus</i> ; ---; 237	Bonne & Bonne-Wepster	1925
<i>lancei</i> Antunes	---; ---; 82	Patino- Camargo	1940
<i>leucopus</i> Dyar & Knab	---; in forest; 85	Kumm et al.	1940
	---; ---; 223. ---; Sept.; 237	Dyar	1925 c
	---; ---; 238	Dyar & Shannon	1924 a
	---; ---; 328	Anduze	1941
<i>lineata</i> (Peryassú)	---; ---; 53	Dyar	1928 a
<i>longipalpis</i> Lutz	---; ---; 328	Anduze	1941
<i>longipes</i> Fabricius	<i>Colocasia</i> ; ---; 82	Dunn	1929
	---; bites during day; 85°	Kumm et al.	1940
	---; ---; 128, 223 (Flower cups of <i>Heliconia</i> )	Dyar	1923 a
	---; diurnal; 129°	Edwards	1922

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>GOELDIA</i> <i>longipes</i> Fabricius (cont.)	Flower bracts of <i>Heliconia</i> and leaf axils of <i>Calladium</i> ; July; 237. Flower bracts of <i>Heliconia</i> and the leaf axils of <i>Calladium</i> ; Jan.-April, Aug., Oct., Dec.; 238. ---; ---; 347	Dyar	1925c
	Leaf stalks of <i>Heliconia</i> and <i>Ravenala</i> ; ---; 297	Bonne	1923a
	---; all year, predacious; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1941
<i>lunata</i> (Theobald)	---; ---; 27	Shannon	1931
	Predacious on Sabethid and <i>Culex</i> bromeliads; ---; 53	Dyar	1928a
<i>magna</i> Theobald	---; in houses; 53	Kumm & Novis	1938
	---; in forest; 85	Kumm et al.	1940
<i>pallidoventer</i> (Theobald)	---; ---; 27	Shannon	1931a
	---; ---; 53	Dyar	1923a
	Cut bamboo, predacious; ---; 82	Komp	1936
<i>paranensis</i> Brèthes	---; ---; 27	Dyar	1921e
	---; ---; 53	Kumm & Novis	1938
<i>perturbans</i> Dyar & Knab	---; ---; 23	Bonne & Bonne-Wepster	1925
	Bromeliaceae; ---; 24	Dyar	1923a
<i>rapax</i> (Dyar & Knab)	Bromeliaceae; ---; 329	Dyar	1923a
	Predacious on larvae of Sabethid and <i>Culex</i> ; ---; 329	Dyar	1928a
<i>schedocyclia</i> Dyar & Knab	---; April; 53°	Del Ponte & Cerqueira	1938
	---; ---; 128	Dyar	1928a
	---; ---; 223, 237	Dyar	1925c
<i>trichopus</i> Dyar	Bromeliads; ---; 53	Kumm & Novis	1938
	---; enters houses; 297	Bonne	1923a
	---; ---; 328	Anduze	1941

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>GOELDIA</i> <i>vonplesseni</i> Dyar & Knab	---; ---; 53, 240, 328 (Bamboo, <i>Heliconia</i> ) ---; ---; 99	Dyar Bonne & Bonne-Wepster	1928 a 1925
<i>HAEMAGOGUS</i> <i>albomaculatus</i> Theobald	---; ---; 129, 328 ---; Feb., June; 130 ---; ---; 237, 329	Levi Castillo Floch & Abonnenc Dyar	1951 1947 b + 1921 c
<i>anastasionis</i> Dyar	---; lowlands; 82 ---; ---; 82, 328 (Treeholes, Bromeliads, artificial containers, rare, diurnal, forest) Artificial containers; ---; 85 ---; July; 85 ---; ---; 204, 240 Treeholes; ---; 223 Treeholes; ---; 262 Treeholes, cactus stump and rock holes near beach; Jan.-Apr., July-Dec., after heavy rains in jungle and open, enter houses; 329? Treeholes; ---; 329	Kumm et al. Levi Castillo Kumm et al. Dyar Stone et al. Woke Kumm & Zuniga van der Kuyp van der Kuyp	1946 1951 1940 1921 g 1959 1947 1942 1949 b 1949 a
<i>andinus</i> Osorno-Mesa	Treeholes; at 1,746 meters elevation, rare; 82 ---; lowlands; 82	Levi Castillo Kumm et al.	1951 1946
<i>argyromeris</i> Dyar & Ludlow	---; ---; 204 Artificial containers, bamboo traps, treeholes, coconut hulls, Bromeliads, ground pools; June-Jan.; 237? Rockholes above tide level along shore; ---; 237 ---; common, May; 237. Treeholes; common, Jan.-March, May-Aug., Oct.-Dec.; 238	Vargas Galindo et al. Dyar Dyar	1939 1951 1925 b 1927 c
<i>bushelli</i> Osorno-Mesa	Treeholes, artificial containers, coconut husks; rare; 82 ---; lowlands; 82 ---; ---; 99, 237	Levi Castillo Kumm et al. Stone et al.	1951 1946 1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>HAEMAGOGUS capricornii</i> Lutz	---; ---; 27, 51. ---; naturally infected with yellow fever; 82	Kumm et al.	1946
	Treeholes, base of epiphytic Bromeliads; diurnal, in forest, naturally infected with and experimental vector of yellow fever; 53	Levi Castillo	1951
	---; April; 53	Cerqueira & Lane	1945
	---; ---; 53*	Kumm & Cerqueira	1951
	Treeholes; all year, common May-Aug.; 82	Bates	1945
	---; rain forest, experimental transmission of yellow fever; 82	Boshell- Manrique & Osorno-Mesa	1944
	---; infested with <i>Dermatobia</i> ; 82	Bates	1943
	---; ---; 82*	Hecht & Anduze	1944
	---; ---; 129	Vevers	1924 +
	Treeholes; ---; 130	Floch & Abonnenc	1947 b +
	---; ---; 238, 329	Dyar	1921
	Treeholes; coastal and interior, Jan., March-May, Dec.; 297°	Bonne & Bonne-Wepster	1925
	---; in forest; 328°	Anduze	1942 b
	---; experimental transmission of yellow fever; 352°	Waddell	1949
<i>celeste</i> Dyar & Nuñez Tovar	Tree and rock holes; common; 328	Hecht & Anduze	1944
	---; at 600 meters above sea level; 328. ---; common; 328. ---; common; 347°	Anduze	1942 b
	---; ---; 329	Dyar	1928 a
<i>chalcospilans</i> Dyar	Treeholes, pools, rockholes, mangrove swamps; rare; 82	Levi Castillo	1951
	---; common, along coast, lowlands; 82	Kumm et al.	1946
	Treeholes and coconut husk; ---; 85	Kumm et al.	1940
	---; ---; 137	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>HAEMAGOGUS</i>	Coconut husk; ---; 223	Woke	1947
<i>chaloospilans</i>	Tree-rot holes, ground pools, artificial containers; in swamp; 237°	Galindo et al.	1951
Dyar	Salt rock pools; ---; 237. Springs, brackish pools, streams; Feb.-March, Aug., Dec.; 238	Dyar	1921 c
(cont.)	---; Dec.; 237. ---; June, Dec.; 238	Dyar	1925 c
	Ground and rock pools; ---; 238	Dyar	1928 a
<i>equinus</i>	---; ---; 21, 27, 53, 85, 128, 204, 329, 347 (Treeholes)	Dyar	1928 a
Theobald	---; ---; 51	Stone et al.	1959
	---; naturally infected with yellow fever; 53	Laemmert et al.	1946
	---; Nov., in forest; 53	Gordon & Evans	1922
	---; naturally infected with yellow fever; 82. ---; over 600 meters above sea level; 328	Anduze	1942 b
	---; ---; 82, 130, 328 (Treeholes, bamboo joints, diverse receptacles, epiphytic Bromeliads, bites man, diurnal, in forests, experimental vector of yellow fever)	Levi Castillo	1951
	---; Jan.; 129. ---; ---; 297. ---; July; 329	Dyar	1921 c
	---; ---; 204*	Vargas	1939
	Hole in log; ---; 223	Woke	1947
	Treeholes, bamboo traps, artificial containers; all year, abundant May-Nov.; 237°	Galindo et al.	1951
	Treeholes; Feb., April, May; 238	Dyar	1925 c
	Treeholes, cut bamboo stems; ---; 262	Kumm & Zuniga	1942
	Rockholes; ---; 328	Hecht & Anduze	1944
	---; experimental transmission of yellow fever; 352°	Waddell	1949
<i>garoi</i>	---; ---; 99	Stone et al.	1959
Levi Castillo			
<i>gladiator</i>	---; ---; 237	Dyar	1923 c
Dyar	Tree hole; Nov.; 238	Dyar	1921 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>HAEMAGOGUS</i>	Tree holes; bites man at daytime in forest; 85°	Kumm et al.	1940
<i>iridicolor</i>			
Dyar	Bamboo joints, cacao husks; May; 85	Dyar	1921 c
	---; ---; 137, 223	Stone et al.	1959
	Tree holes; ---; 237	Galindo et al.	1949
<i>janthinomya</i>	Tree holes, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
Dyar	Cut bamboo, tree holes in sunlight or shade; bites man during day; 82°	Komp	1936
	---; ---; 82	Patino- Camargo	1940
	Tree holes; June; 329	Dyar	1921 c
<i>leucomelas</i>	---; ---; 237	Dyar	1923 c
Lutz	Tree holes; April; 238	Dyar	1922 c
<i>lindneri</i>	---; ---; 51	Martini	1931
Martini			
<i>lucifer</i>	Treeholes, Bromeliads, bamboo joints; diurnal forest; 82°	Levi Castillo	1951
(Howard, Dyar & Knab)	---; forest, May-June, Oct.; 82. ---; common; 238	Kumm et al.	1946
	Tree holes; ---; 85	Kumm et al.	1940
	Tree holes, bamboo traps; May, July-Mar.; 237°. ---; ---; 238°	Galindo et al.	1951
	Tree holes; June; 238	Dyar	1925c
<i>mesodontatus</i>	Tree holes; ---; 85	Kumm et al.	1940
Komp & Kumm	Tree holes, bamboo; ---; 262	Kumm & Zuniga	1942
<i>mesodontatus</i>			
<i>alticola</i>	---; ---; 128, 204	Stone et al.	1959
Galindo, Trapido & Boshell- Manrique			
<i>mesodontatus</i>			
<i>gorgasi</i>	---; ---; 204	Stone et al.	1959
Galindo & Trapido			



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>HAEMAGOGUS</i> <i>panarohys</i> Dyar	Tree holes and bamboo sections in shade; diurnal; 99	Levi Castillo	1951
	---; all year; 99	Campos	1925 +
<i>regalis</i> Dyar & Knab	---; ---; 82, 137, 138, 204, 237	Stone et al.	1959
	---; ---; 128, 329. Coconut husks; August; 262	Dyar	1921 c
<i>soperi</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>spagassinii</i> Brèthes	---; possible vector of yellow fever; 27	Martinez	1950
	---; ---; 27, 51, 53 (Bromeliaceae, treeholes, naturally infected with and experimental trans- mission of yellow fever)	Levi Castillo	1951
	---; ---; 51*, 53*, 82*, 99*, 239, 240*, 328*, 347*	Levi Castillo	1951 a
	Shaded cocoa groves; naturally and experimentally infected with yellow fever; 53°	Laemmert et al.	1946
	Tree holes; in forest, all year, common Jan.-Apr., Nov.-Dec.; 53 <sup>a</sup>	Causey & dos Santos	1950
	---; common; 53	Kumm & Cerqueira	1951
	---; experimental transmission of yellow fever; 82 (Sun loving, commonly bites in forest zone, common in canopy zone with much sunlight)	Bates & Roca-García	1946
	---; common, in trees; 82	Bates & de Zuiñeta	1949
	---; ---; 130, 239, 329	Stone et al.	1959
	Treeholes; ---; 328	Hecht & Anduze	1944
	---; experimental transmission of yellow fever; 352°	Waddell	1949
<i>spagassinii</i> <i>falco</i> Kumm, Osorno- Mesa & Boshell- Manrique	---; ---; 27, 329. ---; common, May-June; 82*	Kumm et al.	1946
	---; ---; 51, 82, 99, 128, 129, 130, 240, 297, 328 (Treeholes, Bromeliads, artificial containers, in forest, diurnal)	Levi Castillo	1951
	---; common; 53, 82	Kumm & Cerqueira	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>HAEMAGOGUS</i>	---; June-Aug.; 82°	Galindo et al.	1951 b
<i>spessantii</i>			
<i>faloo</i>			
Kumm, Osorno, Mesa & Boshell- Manrique (cont.)	---; ---; 85, 137, 223, 237	Stone et al.	1959
	Bamboo traps, treeholes; Aug.-Oct., rare; 237°	Galindo et al.	1951
	---; ---; 237*	Galindo et al.	1950
	Treeholes; ---; 238°	Galindo et al.	1949
<i>splendens</i>	---; ---; 23	Bonne & Bonne-Wepster	1925
Williston			
	Treeholes; in wooded areas; 24	MacDonald	1917
	---; ---; 24. ---; lowlands; 82	Kumm et al.	1946
	Bromeliads; diurnal, in forests, experimental vector of yellow fever; 82, 328	Levi Castillo	1951
	---; ---; 237	Dyar	1921 c
	---; ---; 238	Fischer	1922 +
	Treeholes, rockpools; bites man in forests; 328°	Hecht & Anduze	1944
	---; ---; 329	Stone et al.	1959
	---; experimental transmission of yellow fever; 352	Waddell	1949
<i>tropicaalis</i>	Treeholes, epiphytic Bromeliads, bamboo, artificial containers; ---; 53	Levi Castillo	1951
Cerqueira & Antunes			
	---; in houses; 53	Kumm & Novis	1938
<i>uriartei</i>	Epiphytic bromeliads, treeholes and artificial containers; diurnal, in forest; 27, 51, 53	Levi Castillo	1951
Shannon & Del Ponte			
<i>HYSTATOMYIA</i>			
<i>circumcineta</i>	<i>Heliconia</i> ; ---; 238	Dyar & Shannon	1924 a
Dyar & Knab			
<i>lamellata</i>	Bromeliaceae; ---; 297	Bonne-Wepster & Bonne	1919 a
Bonne-Wepster & Bonne			
<i>ISOSTOMYIA</i>	Between leaves of Araceae; ---; 237°	Dyar	1928 a
<i>espini</i>	Predaceous; indoors; 238	Dyar	1928
Martini			
	---; Aug.-Nov., Jan.; 238	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ISOSTOMYIA</i> <i>homotina</i> Dyar & Knab	---; ---; 69, 347. Flower-bracts of <i>Heliconia</i> , <i>Calathea insignis</i> ; Feb., April, Sept.; 238	Dyar	1925c
<i>magna</i> Theobald	---; ---; 51, 85, 128, 223, 237, 297, 328 (Flower bracts of <i>Calathea</i> )	Dyar	1928a
	Flower bracts of <i>Calathea</i> ; ---; 238	Dyar	1928
<i>paranensis</i> (Brathes)	---; ---; 27	Shannon	1931c
	---; ---; 53	Dyar	1928a
<i>perturbans</i> Williston	---; ---; 24	Dyar	1928a
	---; ---; 128, 138	Martini	1935
<i>JANTHINOSOMA</i> <i>musica</i> Say	---; ---; 17	Dyar	1917
<i>varipes</i> Coquillett	---; ---; 17	Dyar	1917
<i>JOBLORIA</i> <i>compressa</i> Theobald	---; ---; 53, 237, 328 (Cut or broken bamboo stems)	Dyar	1928a
	---; ---; 82	Patino- Camargo	1940
	Bamboo; ---; 237. Bamboo; May; 238	Dyar	1925c
<i>digitata</i> Rondani	Treeholes, empty Brazilnut shells, fallen leaves, fruit rinds, artificial containers; ---; 53	Kumm & Novis	1938
	---; in forest, Aug.; 53°	Lane	1936
	Cut bamboo; in jungle; 82°	Komp	1936
	---; ---; 82	Dunn	1929
	---; ---; 85, 99, 262, 328, 329, 347 (Coconut and cacao shells)	Dyar	1928a
	---; ---; 204	Martini	1935
	Coconut shells, bamboo; March; 237. Coconut shells, bamboo; Jan., May, Aug.-Oct., Dec.; 238. ---; ---; 311	Dyar	1925c
	Palm leaves in woods; ---; 297°	Bonne & Bonne-Mepeter	1925
	---; ---; 297	Bonne-Mepeter & Bonne	1925a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>JOBLOTIA</i> <i>mogilaia</i> Dyar & Knab	Bamboo; ---; 237	Dyar	1923c
<i>splendens</i> (Peryassé)	---; ---; 53	Dyar	1928a
<i>trichorhyses</i> Dyar & Knab	Bamboo joints; ---; 237	Bonne & Bonne-Wepster	1925
<i>KERTESZIA</i> <i>neiui</i> Howard, Dyar & Knab	---; ---; 237	Galindo et al.	1950
<i>LEMMANYIA</i> <i>pseudomethysticus</i> Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1919a
<i>LESTICOCAMPA</i> <i>paramensis</i> Brathes	---; ---; 27	Dyar	1919
<i>LIMATUS</i> <i>andinus</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>asulleptus</i> (Inubald)	---; March, Sept., in woods; 53	Townsend	1934
	Fallen leaves and palm spathes; ---; 82°	Komp	1936
	Artificial containers; ---; 85	Kumm et al.	1940
	---; ---; 129, 328, 329	Stone et al.	1959
	Fallen leaves, bamboo, Musa, treeholes; Feb.- Aug., Dec.; 130	Fleisch & Abonnenc	1947 b *
	Palm-spathes; ---; 137	Root	1924 *
	Treeholes, bamboo, fruit husks, fallen leaves, artificial containers; March, June, Aug., Oct. & Nov., peak Aug.; 237°	Galindo et al.	1951
	---; Jan., July.; 237. Treeholes, husks, bamboo; Jan., May, June, Aug., Dec.; 238. ---; ---; 347	Dyar	1925x
	Fallen banana leaves, palm sheaths; Jan., July; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>LIMATUS</i>	Cocoa pods, palm leaf bases; bite by day; 24°	MacDonald	1917
<i>durhamii</i>	---; ---; 27, 51, 99, 137, 204, 240, 329, 347	Stone et al.	1959
Theobald	Artificial containers, treeholes, empty Brazilnut shells, fallen leaves, fruit rinds; ---; 53°	Kumm & Novis	1938
	---; Feb.-Apr.; 53	Basseres	1943
	Fallen leaves and palm spathes; bite man; 82°	Komp	1936
	Artificial containers, bamboos; ---; 85	Kumm et al.	1940
	Artificial containers, fallen leaves, treeholes, bamboo; all year, bites man in forest; 130°	Floch & Abonnenc	1947b +
	Bromeliads; ---; 223	Woke	1947
	Treeholes, artificial containers; forest, June-Sept., Nov.; 237	Galindo et al.	1951
	Treeholes, husks, bamboo; Jan.; 237. Treeholes, husks, bamboo; Jan., May, June, July, Aug., Oct., Dec.; 238. ---; ---; 311	Dyar	1925 c
	Coconut shells; bites man in forest during day; 262°	Kumm & Zuniga	1942
	Decaying vegetable matter, fallen leaves, treeholes; ---; 262	Dyar	1928 a
	Fallen cocoa-leaf; Dec.; 297	Bonne & Bonne-Wepster	1925
	Natural and artificial containers; experimentally infected with yellow fever; 328	Hecht & Anduze	1944
<i>flavipes</i>	Treeholes; ---; 53	de Oliveira	1935
Castro	---; ---; 130, 240	Stone et al.	1959
<i>guyanae</i>	---; ---; 99	Stone et al.	1959
Levi Castillo	---; ---; 19	Porter	1967
<i>hoffmanni</i>	---; Oct.; 20	Root	1927
Root	---; ---; 27	Dyar	1919
<i>continentalis</i>	In a leaf; Feb.; 130	Floch & Abonnenc	1947 b +
Brèthes			
<i>artificii</i>			
Senevet & Abonnenc			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>LINATUS</i>	---; ---; 53	Lane	1953
<i>pseudomethyticus</i> (Bonne-Wepster & Bonne)	Fallen palm leaves, treeholes; Jan.; 297	Bonne & Bonne-Wepster	1925
<i>paraensis</i> (Theobald)	---; ---; 53	Lane	1953
	Fallen leaves, palm sheaths containing water, treeholes; July, Nov.; 297	Bonne & Bonne-Wepster	1925
<i>LUTZIA</i>	Fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
<i>allostigma</i> (Howard, Dyar & Knab)	---; Mar., July, Sept., in woods; 53	Townsend	1934
	Split bamboo stem, hollow palm stem in clean water; in houses; 82	Komp	1936
	---; ---; 223, 347. Artificial containers; Sept., Dec.; 237. Artificial containers; Jan., May-Aug., Dec.; 238	Dyar	1925 c
	---; ---; 297 (Predacious)	Dyar	1928 a
<i>bigoti</i> (Bellardi)	---; ---; 27	Duret	1950 b
	---; enters houses; 53°	Pinto	1930 a
	---; ---; 128, 204 (Small permanent collections of water or receptacles, predacious)	Dyar	1928 a
	Debris filled spring, predaceous, 6,000 feet; ---; 262	Kumm & Zuniga	1942
<i>brazilius</i> Dyar	---; ---; 27	Shannon	1931 a
	---; ---; 53	Dyar	1923
<i>patersoni</i> Shannon & Del Poete	Grassy rainpool; ---; 27	Dyar	1928 a
<i>MANSONIA</i>	---; ---; 51, 82, 240	Stone et al.	1959
<i>albicosta</i> (Peryassú)	Swamps; experimentally infected with yellow fever, 53	Hecht & Anduze	1944
	Clay pits, Jan., bite man at night; 53°	Pinto	1930
	---; Jan., Apr., June-Nov.; 130°	Floch & Abonnen	1947
<i>litifera</i> Prado	---; ---; 53	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i>	---; ---; 51, 240	Stone et al.	1959
<i>amazonensis</i> (Theobald)	---; bite by day in forest; 53°	Gordon & Evans	1922
	---; Sept., Nov.; 53	Matheson	1934
	---; ---; 130	Floch & Abonnenc	1947 b +
<i>araosi</i> Shannon & Del Ponte	---; ---; 27	Shannon	1931 a
<i>arribalzae</i> (Theobald)	---; rare; 53	Prado	1954
	In sedge; ---; 82	Dyar	1925 a
	---; ---; 82, 297 (Rare)	Dyar	1928 a
	---; bites during day in woods; 85°	Kumm et al.	1940
	---; ---; 129	Vevers	1924 +
	---; Mar., May-June, Aug.; 130	Floch & Abonnenc	1947 b +
	---; Sept.; 437. ---; Dec.; 238. ---; ---; 347	Dyar	1925 c
	---; heavily forested areas; 240	Shannon	1934
	---; ---; 328	Anduze	1942
<i>cerquetrai</i> (Barretto & Coutinho)	---; ---; 53	Lane	1953
<i>chagasi</i> (Lima)	---; ---; 53	Lane	1953
<i>chrysomelum</i> (Peryassú)	---; ---; 27	Stone et al.	1959
	Swamps; experimentally infected with yellow fever; 53	Hecht & Anduze	1944
<i>coquilata</i> Dyar & Knab	---; forest, Dec.; 53. ---; ---; 237	Gordon & Evans	1922
<i>fasciolata</i> (Lynch Arribalzaga)	---; ---; 27	Dyar	1919
	---; Jan., bite man at night near marshy pools; 53°	Pinto	1930
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	Sedges at the edges of rivers and pools; enters houses, bites at dusk and during the night; 82°	Dunn	1929

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i>	Permanent or semi-permanent pools; all year, nocturnal; 82	Bates	1945
<i>fasciolata</i>	---	Patino-Camargo	1940
(Lynch Arribalzaga)	---; experimentally infected with yellow fever; 82		
(cont.)	---	Kumm et al.	1940
	---; in houses, forests; 85°		
	---; ---; 128, 138, 204	Martini	1935
	---; ---; 129	Vevers	1924 +
	---; all year; 130°	Floch & Abonnenc	1947 b +
	---; ---; 204*	Vargas	1939
	---; March, May; 237. ---; Jan., April, July, Nov., Dec.; 238. ---; ---; 329	Dyar	1925 c
	---; common; 240	Shannon	1934
	---; ---; 262	Kumm & Zuniga	1942
	---; ---; 325	Stone et al.	1959
	---; common in forests; 328	Hecht & Anduze	1944
	---; along rivers; 328	Dyar	1925 d
<i>flaveola</i>	---; ---; 21	Porter	1967
(Coquillett)	---; ---; 22, 27, 51, 240, 346	Stone et al.	1959
	---; ---; 23, 53, 237, 297	Shannon	1934
	---; May-June; 130	Floch & Abonnenc	1947 +
<i>hermanoi</i>	---; ---; 27, 51, 53, 82	Stone et al.	1959
Lane & Coutinho			
<i>humeralis</i>	---; ---; 27, 51, 129	Stone et al.	1959
Dyar & Knab	---; rare; 53	Prado	1934
	<i>Pistia</i> ; Nov.-Dec.; 82	Dunn	1929
	---; Apr., June; 130°	Floch & Abonnenc	1947 b +
	---; ---; 237, 347	Lane	1953
	<i>Pistia</i> ; ---; 238	Dyar	1925 c
	---; July; 240. ---; Apr., May, June; 297	Matheson	1934



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i>			
<i>humeralis</i> Dyar & Knab (cont.)	---; on rivers; 328	Dyar	1925 d
<i>indubitans</i> Dyar & Shannon	---; ---; 21, 51, 99, 137, 138, 204, 237, 325 <i>Pistia stratioides</i> ; May, Nov.; 22 ---; mountain stream valley; 53 ---; bite man in houses day and night; 240°	Stone et al. Tulloch Root Shannon	1959 1937 1927 a 1934
<i>juxtamansonia</i> (Chagas)	---; ---; 27, 51, 82, 239, 240, 328 ---; Jan., bite at night near marshy pools; 53° ---; experimentally infected with yellow fever; 53 ---; experimentally infected with <i>Wuchereria bancrofti</i> ; 53 ---; mountain stream valley; 53 ---; experimentally infected with <i>W. bancrofti</i> ; 129 ---; ---; 297	Stone et al. Pinto Laemmert et al. Davis Root Giglioli Dyar	1959 1930 1946 1935 1927 a 1948 a 1921
<i>longipalpis</i> (Newstead & Thomas)	---; ---; 53	Strong et al.	1926
<i>lynchi</i> Shannon	---; ---; 51, 82, 130 ---; active by day in forest; 53, 240 ---; ---; 53°	Stone et al. Shannon Lane	1959 1934 1936
<i>neivai</i> Lane & Coutinho	---; ---; 53	Lane & Coutinho	1940
<i>nigricans</i> (Coquillett)	---; ---; 18, 21, 27, 51, 53, 128, 137, 204, 237, 240, 262, 328 In sedge; ---; 82 On roots of sedges; April, June; 237. On roots of sedges; April, June, July; 238 ---; houses, woods in daytime and sunset; 262°	Stone et al. Dyar Dyar Kumm & Zuniga	1959 1925 a 1925 c 1942
<i>nitens</i> (Cerqueira)	---; ---; 51	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i>	---; ---; 22	Wolcott	1936
<i>perturbans</i> (Walker)	---; ---; 204	Martini	1935
<i>pessoai</i> (Barretto & Coutinho)	---; ---; 53	Lane	1953
<i>pseudotitillans</i> (Theobald)	---; ---; 27, 53	Lane	1953
	---; ---; 82, 237, 240, 297, 328	Stone et al.	1959
	---; June-Aug., Nov.-Dec., on walls; 130	Floch & Abonnenc	1947b +
<i>shannoni</i> Lane & Antunes	---; ---; 27, 51, 53	Stone et al.	1959
<i>titillans</i> (Walker)	---; ---; 21	Thompson	1947
	---; Aug.-Nov.; 22	Tulloch	1937
	Swamps with <i>Pistia</i> ; Oct., Nov., vicious biter in daylight, enter houses, experimentally infected with yellow fever; 24°	Floch & Abonnenc	1945 +
	---; ---; 27, 204, 240 ( <i>Pistia</i> , bites after dark)	Dyar	1928 a
	---; ---; 51	Martini	1931
	<i>Pistia stratiotes</i> ; ---; 53	Prado	1934
	---; bite man near pools at night; 53°	Pinto	1930
	---; bites man by day in forest; 53°	Gordon & Evans	1922
	Lagoons bordering rivers, pools and streams in dense forest with <i>Pistia stratiotes</i> ; active in the evening; 82°	Dunn	1929
	---; ---; 82	Dyar	1925 a
	Ground pools and ponds with <i>Pistia</i> ; in houses; 85°	Kumm et al.	1940
	<i>Pistia</i> ; ---; 99		1925 b
	---; Mar.-Aug., common Mar., June; 99	Campos	1925 +
	---; ---; 128, 138	Martini	1935
	<i>Pistia</i> in fresh and brackish coastal waters; all year, in houses, bite at night and dawn; 129°	Giglioli	1948

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MANSONIA</i> <i>titillans</i> (Walker) (cont.)	---; experimentally infected with <i>Wuchereria bancrofti</i> ; 129	Giglioli	1948 a
	---; Jan.-Feb., Apr.-Dec., bite man; 130°	Floch & Abonnenc	1947 b +
	---; vicious biter during day; 137°	Bequaert	1925
	---; ---; 204*	Vargas	1939
	<i>Pistia</i> ; March; 237. <i>Pistia</i> ; Jan., March-July, Nov.-Dec.; 238°. ---; ---; 311, 346	Dyar	1925 c
	---; enters camp, bites man outdoors; 237°	Dunn	1934
	---; in houses; 237	Trapido	1946
	Open sewers, marshes; ---; 240	Converse	1914
	---; in houses; 262	Kum & Zuniga	1942
	Lagoons; suspected vector of yellow fever; 328	Hecht & Anduze	1944
	---; along rivers; 328	Dyar	1925 d
	---; Dec.-Feb.; 328	Anduze	1943 c
	---; ---; 347	Stone et al.	1959
<i>venezuelensis</i> (Theobald)	---; ---; 27, 82, 128, 187, 204, 262, 329, 347	Lane	1953
	---; ---; 53°	Pinto	1930
	---; ---; 328	Dyar	1928 a
<i>wilsoni</i> (Barretto & Coutinho)	---; ---; 53	Lane	1953
<i>MANSONIOIDES</i> <i>pseudotitillans</i> (Theobald)	---; naturally infected with <i>Wuchereria bancrofti</i> ; 53	Manson-Bahr	1959
<i>MEGARHINUS</i> <i>aldrichianus</i> Bonne-Wepster & Bonne	Ground Bromeliaceae; Jan.; 297	Bonne-Wepster & Bonne	1919 a
<i>ambiguus</i> Dyar & Knab	---; ---; 53	Dyar	1928 a
<i>bambusioola</i> Lutz & Meiva	Bamboo; ---; 53	Prado	1935
	Bamboo; ---; 82	Komp	1936

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MEGARHINUS</i>			
<i>fluminensis</i> Peryassó	---; ---; 53	Dyar	1928a
<i>grandiosus</i> Williston	---; ---; 204	Martini	1935
<i>guadeloupensis</i> (Dyar & Knab)	Bromeliads; ---; 24	Bonne & Bonne-Wepster	1925
	---; ---; 297, 328 (Bromeliads, treeholes)	Dyar	1928a
<i>guadeloupensis</i> <i>guianensis</i> Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1919a
<i>guianensis</i> Bonne-Wepster & Bonne	---; ---; 328	Anduze	1941
<i>haemorrhoidalis</i> Fabricius	---; ---; 27	Dyar	1919
	Treeholes, Bromeliads, fallen leaves, fruit rinds, artificial containers; ---; 53	Kumm & Novis	1938
	---; April, in woods; 53	Townsend	1934
	---; ---; 82	Patino- Camargo	1940
	Bromeliads, artificial containers; predaceous; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1941
	---; ---; 347	Dyar	1928a
<i>horei</i> Gordon & Evans	<i>Bananeira braba</i> , predaceous; ---; 53	Dyar	1928a
	---; in forest, Dec.; 53	Gordon & Evans	1922
<i>hypoptes</i> Knab	Temporary ground holes, fallen leaves, fruit rinds; ---; 53	Kumm & Novis	1938
	---; ---; 99. Tree holes and bamboo; March; 237. Tree holes and bamboo; May-June, Aug., Nov.; 238	Dyar	1925a
	Flower-sheath of palm; ---; 238	Dyar & Shannon	1941
<i>lynchi</i> Dyar & Knab	---; ---; 27	Dyar	1919
	---; ---; 297	Dyar	1928a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MEGARHINUS</i>			
<i>mara</i> Anduze	---; ---; 328	Anduze	1942
<i>moctezuma</i> Dyar & Knab	Tree holes; in houses; 85	Kumm et al.	1940
	---; ---; 204. Tree holes, ground husks; July; 237. Tree holes, ground husks; Feb., May; 238	Dyar	1925c
	Artificial containers; ---; 223	Woke	1947
	Treeholes, bamboo stumps, predaceous; ---; 262	Kumm & Zuniga	1942
<i>moengoensis</i> Bonne-Wepster & Bonne	<i>Heliconia</i> and <i>Ravenala</i> , predaceous; ---; 297	Bonne & Bonne-Wepster	1925
<i>neivai</i> Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
<i>portoricensis</i> Röder	---; ---; 20	Root	1927
	---; ---; 21	Thompson	1947
	Tree holes; Sept. and Dec.; 22*	Tulloch	1937
	Bromeliads; at 2,000 feet elevation; 22	Wolcott	1941
	Artificial containers; ---; 22	Wolcott	1936
	---; ---; 239	Edwards	1922
	---; ---; 328	Martorell	1939
<i>purpureus</i> Theobald	Bromeliads, predaceous; Feb., May and June; 53	Dyar	1928 a
<i>separatus</i> (Lynch Arribáizaga)	---; ---; 53	Strong et al.	1926
<i>solsitialis</i> Lutz	---; ---; 27	Shannon	1931 a
	---; ---; 53 (Bromeliads, predaceous)	Dyar	1928 a
<i>superbus</i> Dyar & Knab	---; ---; 18, 223, 329 (Bromeliads, predaceous)	Dyar	1928 a
	Epiphytic bromeliads; ---; 85	Kumm et al.	1940
	---; ---; 99, 204, 311. <i>Tillandsia</i> , <i>Heliconia</i> ; Jan., March, July-Aug.; 238	Dyar	1925 c
	---; ---; 137	Bequaert	1925
	---; ---; 237	Dyar	1925 b
	---; predaceous; 238	Dyar	1928

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>MEGARHINUS</i> <i>theobaldi</i> Dyar & Knab	Bamboo; ---; 53	Dyar	1928 a
<i>trichopygus</i> (Wiedemann)	---; ---; 53	Dyar	1928 a
<i>trinidadiansis</i> Dyar & Knab	Bamboo; ---; 53	Prado	1935
	---; ---; 82	Patino- Camargo	1940
	Treeholes; ---; 297. ---; ---; 347	Bonne & Bonne-Wepster	1925
	Treeholes; ---; 328	Hecht & Anduze	1944
	---; ---; 329 (Predaceous)	Dyar	1928 a
<i>tucumanus</i> Brèthes	---; ---; 27	Shannon	1931 a
<i>violaceus</i> (Wiedemann)	---; ---; 53, 329 (Bromeliads, predaceous)	Dyar	1928 a
<i>MENOLEPIS</i> <i>leucostigma</i> Lutz	---; ---; 27	Shannon	1931 a
	<i>Typha</i> ; ---; 53	Dyar	1928 a
<i>MIAMYIA</i> <i>argenteorostris</i> Bonne-Wepster & Bonne	Bromeliads; ---; 297	Dyar	1928 a
<i>arthrostigma</i> (Lutz)	---; ---; 53	da Costa Lima	1930 c
<i>codiocampa</i> (Dyar & Knab)	---; ---; 53	da Costa Lima	1930 b
	Bamboo; ---; 237. Bamboo; May; 238	Dyar	1925 c
<i>florestan</i> Dyar	---; ---; 237	Dyar	1928 a
	---; Jan.; 238	Dyar	1925 c
<i>hemisagnosta</i> Dyar & Knab	Coconut husks; ---; 69	Dyar	1925 c
	---; ---; 85, 262	Dyar	1928 a
<i>mosaustus</i> Dyar & Knab	---; ---; 53	da Costa Lima	1930 b
	Bamboo; ---; 237. Bamboo; May; 238	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>NIAMYIA</i>			
<i>lutzi</i> da Costa Lima	---; Feb.-July; 53	da Costa Lima	1930 b
<i>monolena</i> Martini	---; ---; 27	Martini	1931
<i>negrensis</i> Gordon & Evans	<i>Bananeira braba</i> , in forest; ---; 53	Dyar	1928 a
<i>occulta</i> Bonne-Wepster & Bonne	<i>Heliconia</i> ; ---; 297	Dyar	1928 a
<i>pamphites</i> Dyar & Muñoz Tovar	---; ---; 328	Dyar	1928 a
<i>petrocchiae</i> Shannon & Del Ponte	---; ---; 27	Dyar	1928 a
<i>pintoi</i> da Costa Lima	Bamboo; ---; 53	da Costa Lima	1930 c
<i>roucouyana</i> Bonne-Wepster & Bonne	Bromeliads; ---; 297	Dyar	1928 a
<i>serrata</i> da Costa Lima	---; ---; 53	da Costa Lima	1930 b
<i>ysipola</i> Dyar	Araceae; ---; 237 Treeholes; Jan.; 238	Dyar Dyar	1928 a 1925 c
<i>ORTHOPODOMYIA</i>			
<i>albicoستا</i> (Lutz)	Bamboo; ---; 53, 328 ---; ---, 82	Dyar Patino- Canargo	1928 a 1940
<i>basigalupoi</i> Martinez & Prosen	---; ---; 51	Stone et al.	1959
<i>jaenickei</i> (Coquillett)	---; July-Oct., in woods; 53 ---; ---; 53, 85, 129, 237, 329 (Treeholes) Treeholes; jungles; 82 ---; in forests; 85 Treeholes, artificial containers; Mar.-Apr., July-Aug., Nov.; 130	Townsend Dyar Kemp Kum et al. Fitch & Ab-nnenc	1934 1928 a 1936 1940 1947 b *

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ORTHOPODOMYIA</i>			
<i>fascipes</i> (Coquillett)	Bamboo, treeholes; Jan. and Feb., May-Dec., common June, Nov. and Dec.; 237°	Galindo et al.	1951
(cont.)	---; March; 237. Treeholes; Jan., March, June- November; 238	Dyar	1925 c
	---; ---; 240, 347	Stone et al.	1959
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	---; ---; 328	Anduze	1941
<i>kummi</i> Edwards	---; ---; 85, 204, 237	Stone et al.	1959
<i>phyllozoa</i> (Dyar & Knab)	---; ---; 82	Patino- Camargo	1940
	Bromeliads; ---; 85	Kumm et al.	1940
	<i>Tillandsia</i> , flower bracts, <i>Heliconia</i> ; Jan.-Feb.; 237. <i>Tillandsia</i> , flower bracts, <i>Heliconia</i> ; June-Aug.; 238	Dyar	1925 c
	---; ---; 328	Anduze	1941
<i>sampaioi</i> Lima	---; ---; 27, 53	Stone et al.	1959
<i>signifera</i> (Coquillett)	---; ---; 20	Root	1927
	Treeholes; ---; 21	Dyar	1928 a
	---; ---; 22	Porter	1967
	---; ---; 204	Stone et al.	1959
<i>waverleyi</i> Grabham	---; ---; 20	Root	1927
<i>PHONIOMYIA</i>			
<i>antunesi</i> (Lane & Guimaraes)	---; ---; 53	Lane	1953
<i>bonnei</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>chrysomus</i> Dyar & Knab	<i>Heliconia</i> ; ---; 238	Dyar & Shannon	1924 a
<i>davisi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>diabolica</i> Lane & Forattini	---; ---; 53	Lane	1953



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PHONIOMYIA</i>			
<i>edwardsi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>esmeraldasi</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>flabellata</i> Lane & Cerqueira	---; ---; 53	Stone et al.	1959
<i>fuscipes</i> (Edwards)	---; ---; 53, 239	Lane	1953
<i>galvaoui</i> Corrêa & Ramalho	---; ---; 53	Stone et al.	1959
<i>incaudata</i> (Root)	---; ---; 53	Stone et al.	1959
<i>lassalli</i> (Bonne-Wepster & Bonne)	---; ---; 53, 329 Epiphytic bromeliad; ---; 223	Stone et al. Woke	1959 1947
<i>longirostris</i> (Theobald)	---; ---; 27 ---; ---; 53 ---; ---; 329	Duret Lane Lassalle	1950 b 1953 1916
<i>lopesi</i> Corrêa & Ramalho	---; ---; 53	Stone et al.	1959
<i>muehlensi</i> (Petrocchi)	---; ---; 27, 51, 53	Stone et al.	1959
<i>neivai</i> Lane & Cerqueira	---; ---; 27 ---; ---; 53	Duret Lane	1950 b 1953
<i>pallidoventer</i> Theobald	---; ---; 53	Lane	1953
<i>palmata</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>pilicauda</i> (Root)	---; ---; 53	Stone et al.	1959
<i>quasilongirostris</i> Theobald	---; ---; 27, 53	Stone et al.	1959
<i>splendida</i> (Bonne-Wepster & Bonne)	---; ---; 53, 129, 297, 329	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PHONIOMYIA</i> <i>theobaldi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>trinidadiansis</i> (Theobald)	---; ---; 53, 328, 329	Lane	1953
<i>triparvita</i> (Bonne-Wepster & Bonne)	---; ---; 27, 53	Stone et al.	1959
<i>PROSOPOLEPTIS</i> <i>aporonoma</i> Dyar & Knab	Coconut husks, cacao shells, bamboos, treeholes; Feb., May; 237. Coconut husks, cacao shells, bamboo, treeholes; Jan., May-June, Oct.-Dec.; 238. ---; ---; 347	Dyar	1925 c
<i>chalececephala</i> Dyar & Knab	---; ---; 128, 237. ---; May; 238	Dyar	1925 c
<i>circumcineta</i> Dyar & Knab	<i>Tillandsia</i> ; Feb., April; 237. <i>Tillandsia</i> ; May, Aug., Dec.; 238	Dyar	1925 c
<i>elasoleuca</i> Dyar & Knab	---; ---; 24, 347. ---; Feb., Nov.; 237. ---; April-July, Dec.; 238	Dyar	1925 c
<i>coenonotus</i> Howard, Dyar & Knab	Flower-bracts <i>Heliconia</i> , <i>Calathea insignis</i> ; March; 237. Flower-bracts of <i>Heliconia</i> , <i>Calathea</i> <i>insignis</i> ; April-Aug.; 238	Dyar	1925 c
<i>confusus</i> Lutz	---; ---; 53	Bonne & Bonne-Wepster	1925
<i>eloisa</i> Howard, Dyar & Knab	Flower-bracts <i>Heliconia</i> , <i>Calathea insignis</i> and <i>C. lutea</i> ; Aug.; 237. Flower-bracts <i>Heliconia</i> , <i>Calathea insignis</i> , <i>C. lutea</i> ; Feb., April, Aug.; 238. ---; ---; 347	Dyar	1925 c
<i>flui</i> Bonne-Wepster & Bonne	---; bites in woods during day, May; 297° ---; Jan., April; 297	Bonne & Bonne-Wepster Bonne-Wepster & Bonne	1925 1919 a
<i>humilis</i> Dyar & Shannon	---; Aug.; 238	Dyar	1925 c
<i>intoca</i> Dyar & Knab	<i>Tillandsia</i> ; Feb.; 237. <i>Tillandsia</i> ; March; 238	Dyar	1925 c
<i>lucida</i> Dyar & Knab	---; ---; 237	Dyar	1925 c
<i>melanoccephala</i> Dyar & Knab	---; ---; 129, 297. Leaf axils of "elephants ears"; June; 237. Leaf axils of "elephants ears"; Jan.-Feb., April-Aug., Oct.-Dec.; 238	Dyar	1925 c
<i>purpurea</i> Howard, Dyar & Knab	<i>Heliconia</i> ; March; 237. <i>Heliconia</i> ; July; 238	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PROSOPOLEPIS</i> <i>prolepidis</i> Dyar & Knab	---; ---; 237. ---; Jan., March, Sept.-Dec.; 238	Dyar	1925 c
<i>pseudopecten</i> Dyar & Knab	Flowers of the red <i>Heliconia</i> ; June, Aug.; 237. Flowers of <i>Heliconia</i> ; March-May; 238. ---; ---; 311, 347	Dyar	1925 c
<i>typharum</i> Shannon & Del Ponte	---; ---; 27	Shannon	1931 a
<i>ulocoma</i> Theobald	Flowers of <i>Heliconia</i> ; Jan.; 237. Flowers of <i>Heliconia</i> ; Feb.-April, Aug., Nov.; 238	Dyar	1925 c
<i>PSCROPHORA</i> <i>albipes</i> (Theobald)	---; ---; 27	Duret	1950 b
	---; ---; 51, 82, 240, 297, 328, 329	Stone et al.	1959
	Ground pools; all year; 53°	Causey & dos Santos	1950
	Upland forest growths, streams and treeholes; ---; 53	Laemmert et al.	1946
<i>albaurata</i> Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
<i>blanchardi</i> Surcouf & Gonzalez- Rincones	---; ---; 328	Bonne & Bonne-Wepster	1925
<i>bruchii</i> Petrocchi	---; April, Feb.; 27	Shannon & Del Ponte	1927
<i>champerico</i> Dyar & Knab	---; in forest during day; 85	Kumm et al.	1940
	---; ---; 128, 204, 237, 262	Stone et al.	1959
	---; bites at ground level; 237°	Galindo et al.	1951
	---; rare, March, Sept.; 238. ---; ---; 328	Dyar	1925 c
	---; bites mar during day; 262°	Kumm & Zuniga	1942
	---; Nov. and Dec., in forests; 328°	Hecht & Anduze	1944
<i>chilensis</i> (Blanchard)	---; ---; 75	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHORS	DATE
<i>PSOROPHORA ciliata</i> (Fabricius)	---; ---; 27, 53, 69, 137, 328 (Predaceous, ground pools)	Dyar	1925 c
	---; ---; 51, 128, 204, 237, 239, 325, 347	Stone et al.	1959
	---; Feb., bites at night; 53°	Pinto	1930
	Ground pool, predaceous; ---; 82	Komp	1936
	Swamp with vegetation; ---; 262	Kumm & Zuniga	1942
<i>cilipes</i> (Fabricius)	---; ---; 27, 53, 85, 129, 204, 329 (Temporary jungle rainpools)	Dyar	1928 a
	---; ---; 51, 82, 297	Stone et al.	1959
	Temporary rain pools in partially cleared jungle; ---; 137	Root	1924 +
	Temporary ground pools; May and June, in low marshy forest, bites at ground level; 237°	Galindo et al.	1951
	Temporary surface water in jungle, predaceous on <i>Psorophora</i> , <i>Aedes</i> and <i>Culex</i> ; May, Aug.; 238	Dyar	1925 c
	Ground pools; woods near river; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 328	Evans	1922
<i>cingulata</i> (Fabricius)	---; ---; 18, 19, 27, 51, 99, 346	Stone et al.	1959
	---; ---; 20, 21	Porter	1967
	Artificial containers, hoofprints; ---; 53	Shannon	1931
	Borrow pit with no vegetation; ---; 53	Root	1927 b
	---; experimentally infected with yellow fever; 53	Laemmert et al.	1946
	---; in woods; 53°	Pinto	1930
	---; ---; 53, 82, 223, 237, 328, 329, 347 (Temporary rain pools)	Dyar	1928 a
	Hoof prints along edges of small stream; common in bush near river, enters houses; 82	Dunn	1929
	Temporary forest ground pools; all year, abundant Apr.-June, nocturnal; 82	Bates	1945
	---; experimentally infected with yellow fever; 82	Patino- Camargo	1940
	---; infested with <i>Dermatobia</i> ; 82	Bates	1943

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i>	---; in forest during day and at sunset; 85	Kumm et al.	1940
<i>cingulata</i>	---; Feb., June; 130	Floch & Abonnenc	1947 b +
(Fabricius)	Ground pools; forest; 237°	Galindo et al.	1951
(cont.)	---; Dec.; 238. ---; ---; 329	Dyar	1925 c
	Roadside ditches; ---; 240	Shannon	1934
	Ground pools; woods, bites man in daytime; 297°	Bonne & Bonne-Wepster	1925
	Temporary pools; experimentally infected with yellow fever; 328	Hecht & Anduze	1944
<i>circumflava</i>	---; ---; 51	Stone et al.	1959
Ce-queira			
<i>coffini</i>	---; ---; 17	Dyar	1917
Dyar & Knab	Rain pools; ---; 23	Dyar	1921 a
<i>columbiae</i>	---; ---; 17	Dyar	1928 a
Dyar & Knab	---; ---; 18	Dyar	1920 c
<i>confinis</i>	---; ---; 17, 18, 19, 20, 21	Porter	1967
(Lynch	Temporary rain pools, flooded irrigation ditch; ---; 22	Koot	1922
Arribalzaga)	---; Nov.; 22°	Tulloch	1937
	---; active at night; 22	Weathersbee & Bohart	1944
	---; ---; 27, 51, 53, 82, 237, 328 (Temporary rain pools)	Dyar	1928 a
	---; Mar.-Oct., less active Jan.-Feb., Nov.-Dec., bite man at day in woods; 53°	Pinto	1930
	---; ---; 138, 204	Martini	1935
	Stagnant water in pools, wheel ruts in sun; ---; 223	Woke	1947
	---; ---; 239	Edwards	1922
	Roadside ditches; ---; 240	Shannon	1934
	Grassy ditches, seepages; ---; 262	Kumm & Zuniga	1942

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i> <i>confinnis</i> (Lynch Arribalzaga) (cont.)	Excavations and ponds; ---; 328	Hecht & Anduze	1944
	Pools, ponds, rock holes, ditches, artificial containers; outdoors, June; 329	van der Kuyp	1948 a
	---; rare in dry season, common after rains; 329	van der Kuyp	1949 a
	---; ---; 346	Stone et al.	1959
<i>cyanescens</i> (Coquillett)	---; ---; 27, 82, 129, 204, 325, 328, 329	Stone et al.	1959
	---; ---; 51	Martini	1931
	---; ---; 239	Lane	1953
	Flood pools; May; 328*	Hecht & Anduze	1944
<i>dimidiata</i> Cerqueira	---; ---; 27, 51	Stone et al.	1959
<i>discolor</i> (Coquillett)	---; ---; 19	Menor & Ortega	1934
	Puddles; attracted to light; 204	Ross	1943
<i>disrucians</i> (Walker)	---; ---; 27, 325, 328	Stone et al.	1959
	---; Nov.; 51	Dyar	1928 a
	Ground pools; - -; 53	Causey & dos Santos	1950
	---; Feb., in houses; 53	Pinto	1930
	---; ---; 204	Séguy	1924
	---; ---; 239	Edwards	1922
<i>dyari</i> Petrocchi	---; ---; 27	Shannon & Del Ponte	1927
<i>ferox</i> (Humboldt)	---; ---; 17, 27, 51, 53, 69, 204, 328, 329, 346, 347 (Rain pools, common after rains in forest, bites man)	Dyar	1928 a
	---; ---; 18, 20, 21	Porter	1967
	---; March; 27*	Martinez	1950
	Ground pools; all year, common Jan.-Apr., Sept.- Dec.; 53	Causey & dos Santos	1950
	---; common during dry season, possible vector of yellow fever; 53	Causey & Kumar	1948

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i>	---; enter houses; 53	Townsend	1934
<i>jezo</i> (Humboldt) (cont.)	Temporary ground pools; bite in jungle, possible vector of yellow fever; 82°	Komp	1936
	---; all year, common May-Aug.; 82	Bates	1945
	---; infested with <i>Dermatobia</i> , in forest; 82	Bates	1943
	---; in bushes; 82	Dunn	1929
	Sunny ground pools, semi-stagnant pools at slowly running stream edges; in forest during day; 85	Kumm et al.	1940
	Clear or turbid, still water; Jan.-June, Dec., hilly areas, enter houses, diurnal; 99°	Campos	1925 +
	---; ---; 128	Martini	1935
	---; ---; 129	Vevers	1924 +
	Temporary pools and swamps; Jan.-Sept., Dec., bite man; 130°	Floch & Abonnenc	1947 b +
	Shaded forest patns; bite during day; 137°	Bequaert	1925
	Temporary rain pools in partially cleared jungle; ---; 137	Root	1924
	---; ---; 204*	Vargas	1939
	---; ---; 223	Woke	1947
	Coastal areas; common in June and Dec., near ground level, experimentally infected with yellow fever, common; 237	Galindo et al.	1950
	Pools; in jungle; 237°. Pools; in jungle, Jan.-Aug., Nov.; 238°	Dyar	1925 c
	---; common in May-Dec.; 237	Galindo et al.	1951
	---; bites man during day; 262°	Kumm & Zuniga	1942
	Temporary rain pools; enters houses, all year, common during wet season; 297°	Bonne & Bonne-Wepster	1925
	Pool, rockholes; Nov.-Dec., bites man frequently in forest; 328°	Hecht & Anduze	1944
<i>fiebrigi</i> Edwards	---; ---; 239	Edwards	1922

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i>			
<i>forceps</i> Cerqueira	---; ---; 53	Lane	1953
<i>funiculus</i> Dyar	---; ---; 82	Dyar	1925a
	---; ---; 328	Anduze	1941
<i>genuimaculata</i> Cruz	---; ---; 27, 53	Shannon	1931
	Puddles, near dwellings; bites man in woods; 53°	Pinto	1930a
	---; ---; 328	Martorell	1939
<i>haruspicus</i> Dyar & Knab	Rockholes near sea; ---; 21	Bonne & Bonne-Wepster	1925
<i>holmbergi</i> Lynch Arribáizaga	---; ---; 27, 239, 325	Stone et al.	1959
<i>howardii</i> Coquillett	---; ---; 18, 55, 204 (Temporary rain pools, predaceous)	Dyar	1928 a
	Ground pools, hoofprints in sun; ---; 85	Kumm et al.	1940
	Pools, wheel ruts; ---; 223	Woke	1947
	Borrow pits, ground pools in sun; ---; 262	Kumm & Zuniga	1942
	Puddles; ---; 297	Bonne & Bonne-Wepster	1925
	---; ---; 346	Lane	1953
<i>infine</i> Dyar & Knab	---; ---; 18 (Rainpools)	Dyar	1928a
	Pools; ---; 19	Bonne & Bonne-Wepster	1925
	---; July; 20	Root	1927
	---; ---; 21	Thompson	1947
<i>insularis</i> (Dyar & Knab)	---; ---; 19, 21 (Coral rock pools, brackish water)	Dyar	1928 a
	---; ---; 20, 22	Porter	1967
<i>lanceolata</i> Theobald	---; ---; 17, 346 (Ground puddles)	Bonne & Bonne-Wepster	1925
	---; ---; 19, 21	Dyar	1928a
	Temporary rain pools and flooded irrigation ditches; Aug.; 22	Root	1927
	---; Sept. & Nov.; 22°	Tulloch	1937
	Sunny pools and depression in the grounds; ---; 85	Kumm et al.	1940



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i>			
<i>johnstonii</i> (Grabham)	---; ---; 17, 18, 21, 22, 23	Stone et al.	1959
<i>lancei</i> Shannon & Cerqueira	---; ---; 51, 53	Stone et al.	1959
<i>leucocoonemias</i> Martini	---; ---; 325	Stone et al.	1959
<i>lineata</i> (Humboldt)	---; ---; 27, 51, 53, 82, 137, 138, 204, 240 ---; ---; 82° Temporary ponds in forest; June; 130 ---; ---; 237, 297, 328, 329 (Temporary jungle rain pools, predaceous) Pools; rare, Jan., May, Sept.; 238 ---; swarm at dusk and early morning; 328	Stone et al. Patino- Camargo Floch & Abonnenc Dyar Dyar	1959 1940 1947b + 1928a 1925c 1939
<i>lutsii</i> (Theobald)	---; ---; 27, 82, 128, 137, 204, 223, 328, 329, 347 (Temporary rain pools, in forests, bites man) Ground pools; bite in forest, all year; 53° ---; in woods; 53 Dense swamp forest; enters houses; 82° ---; in forest during day, in houses; 85 ---; ---; 129 Pools; Jan.-Mar., May-June; 130° ---; ---; 138 Rainpools; bites by day in the jungle, rare, March; 237°. Rainpools; bite by day in the jungle, rare, April-May, July-Aug.; 238°. ---; ---; 311 ---; May, June & July; 237 ---; ---; 240	Dyar Causey & dos Santos Townsend Dunn Kumm et al. Vevera Floch & Abonnenc Martini Dyar Galindo et al. Stone et al.	1928a 1950 1934 1929 1940 1924 + 1947b + 1935 1925c 1951 1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i>	---		
<i>lutsii</i>	---; ---; 262	Kumm & Zuniga	1942
(Theobald)			
(cont.)	Temporary ground pools; ---; 297	Bonne & Bonne-Wepster	1925
	Temporary pools; Nov.-Dec., bites man frequently in forest; 328°	Hecht & Anduze	1944
	---; along rivers; 328	Dyar	1925d
<i>marmorata</i>	---		
(Philippi)	---; ---; 75	Dyar	1928a
<i>melanota</i>	---		
Cerqueira	---; ---; 51	Stone et al.	1959
<i>merioana</i>	---		
(Bellardi)	---; ---; 204	Martini	1935
<i>oblita</i>	---		
Lynch Arribáizaga	---; April; 27	Dyar	1919
<i>pallascens</i>	---		
Edwards	---; ---; 27, 51, 239	Stone et al.	1959
<i>paulli</i>	---		
Paterson & Shannon	---; ---; 27, 51	Stone et al.	1959
<i>pazosi</i>	---		
Pazos	---; ---; 18	Bonne & Bonne-Wepster	1925
<i>posticatus</i>	---		
Wiedemann	---; ---; 19	Menor & Ortega	1934
	---; ---; 27	Dyar	1919
	---; bite by day in forest; 53°	Gordon & Evans	1922
	---; in houses; 82	Dunn	1929
	Rain pools in jungle; ---; 99	Dyar	1925b
	Ground pool; Dec.; 238	Dyar	1922b
	Surface water following rain; ---; 238	Dyar	1924e
	---; ---; 239	Edwards	1922
	---; ---; 297	Bonne-Wepster & Bonne	1923a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i>			
<i>posticatus</i> <i>posticatus</i> Dyar	---; ---; 328	Evans	1922
<i>posticatus</i> <i>sayi</i> Dyar & Knab	---; ---; 328	Evans	1922
<i>pruinosa</i> Martini	---; ---; 204	Martini	1935
<i>purpurascens</i> Edwards	---; ---; 239	Edwards	1922
<i>pygmaea</i> (Theobald)	---; ---; 17, 18, 19, 21	Lane	1953
	Salt marshes, near shore; common April-Dec., fly 4-5 miles from breeding places, fierce biter; 20°	Mink	1933
	Ground pools with or without vegetation, brackish hoof-track pools; fierce biter night and day, occasionally in houses; 22°	Tulloch	1937
	---; common; 22	Wolcott	1941
	Roadside trench with growth of "salt grass" <i>Sporobolus virginicus</i> ; ---; 24	Edwards & Box	1940
	---; ---; 329	Stone et al.	1959
<i>saxa</i> Dyar & Knab	Temporary pools, coast and interior, predaceous; Jan., May, Dec.; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 328	Evans	1922
<i>sayi</i> Dyar & Knab	---; ---; 17	Dyar	1917
<i>signipennis</i> (Coquillett)	Temporary ground pools; ---; 204	Dyar	1928a
<i>simplex</i> Martini	---; ---; 204	Martini	1935
<i>stonei</i> Vergas	---; ---; 204	Stone et al.	1959
<i>terminalis</i> Coquillett	---; ---; 23, 346	Bonne & Bonne-Wepster	1925
<i>sibialis</i> Robineau- Desvoidy	---; ---; 27	Dyar	1919

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>PSOROPHORA</i>			
<i>toltecum</i> Dyar & Knab	---; ---; 85, 204 (Temporary rainpools)	Dyar	1928a
<i>totonacoi</i> Lassmann	---; ---; 204	Stone et al.	1959
<i>tcuari</i> Evans	---; ---; 328	Evans	1922
<i>varinervis</i> Edwards	---; ---; 27, 51, 53, 239, 325	Stone et al.	1959
<i>varipes</i> (Coquillett)	---; ---; 27, 51, 53, 82, 85, 128, 137, 204, 240, 262, 328	Stone et al.	1959
	Ground pools; bite in forest, all year; 53°	Causey & dos Santos	1950
	---; bites man in forest during day; 85°	Kumm et al.	1940
	Brackish mangrove swamp among debris and vegetation; bites man during day; 262°	Kumm & Zuniga	1942
<i>virosoma</i> Dyar & Knab	Temporary pools; ---; 69	Bonne & Bonne-Wepster	1925
<i>SABETHES</i>	---; Mar., in woods; 27	Martinez	1950
<i>albiprivus</i> Theobald	---; ---; 51, 239, 347	Stone et al.	1959
	---; Aug.-Sept.; 53	Townsend	1934
	---; Feb.-Apr.; 53	Basseres	1943
	---; ---; 53°	Lane	1936
	---; deep jungle; 82	Komp	1936
	---; Apr., June, in forest; 130	Floch & Abennene	1947
	---; in bushes, bites by day, Feb.; 297°	Bonne & Bonne-Wepster	1925
<i>amazonicus</i> Gordon & Evans	---; ---; 51	Lane	1936
	---; in forest, Dec.; 53	Gordon & Evans	1922
	---; ---; 53°	Dyar	1928a
	---; in woods; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>SABETHES</i>			
<i>argyromotum</i> Edwards	---; at 2000 feet elevation, in forest; 53	Edwards	1928
<i>aureocens</i> (Lutz)	---; ---; 27, 53, 237, 328 ---; June; 130	Stone et al. Floch & Abonnenc	1959 1947b +
<i>batesi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>belisarioi</i> Meiva	---; ---; 27, 51, 53, 82, 237, 240, 328, 329, 347 ---; ---; 53° ---; bites by day, all year, common during dry season; 82° Treeholes; May, Dec.; 328°	Stone et al. Lane Bates Hecht & Anduze	1959 1936 1945 1944
<i>bipartipes</i> Dyar & Knab	---; ---; 19, 20 ---; ---; 53, 99, 129 (Treeholes) Empty nut shells; ---; 53 ---; ---; 69, 346. Treeholes and fallen banana leaves, predaceous; in or near woods, all year; 297 ---; ---; 91, 347 (Treeholes) ---; Jan.-June, Dec., diurnal; 99 ---; forest; 130 Treeholes, predaceous; ---; 237	Porter Dyar Kumm & Novis Bonne & Bonne-Wepster Dyar Campos Floch & Abonnenc Dyar	1967 1928 a 1938 1925 1925 c 1925 + 1947 b + 1925 a
<i>chrysotarsus</i> (Humboldt)	---; ---; 27, 53, 85, 204, 223, 237, 262, 328, 347 (Treeholes) ---; ---; 51, 82, 99, 329 ---; in houses; 53 ---; ---; 128 Bamboo; Apr., June, Oct.-Dec., bite man in forest; 130° Bamboo traps; possible vector of yellow fever, all year, peak Oct., 237	Dyar Stone et al. Kumm & Novis Lane Floch & Abonnenc Galindo et al.	1928 a 1959 1938 1953 1947 b + 1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>SABETHES</i>	---; forest; 237	Galindo et al.	1950
<i>chloropterus</i> (Humboldt) (cont.)	---; forest, caves; 262	Kumm & Zuniga	1942
<i>chrociopus</i> Dyar & Knab	---; ---; 129	Dyar & Knab	1913
<i>cyaneus</i> (Fabricius)	---; ---; 24	Lane	1953
	---; ---; 27, 85, 137, 223	Stone et al.	1959
	Treeholes; in houses; 53°	Kumm & Novis	1938
	Fallen banana leaves, bamboo; ---; 53, 237	Shannon	1931
	<i>Heliconia</i> in forest; ---; 53°	Evans & Walker	1935
	Stumps of "fishtail" palm, treeholes; ---; 82	Komp	1936
	---; Jan.-Dec., bites by day; 82°	Bates	1945
	---; ---; 129	Vevers	1924 +
	---; Feb.-Mar., June, Aug.-Sept., in forest; 130°	Floch & Abonnenc	1947 b +
	---; ---; 138, 237, 297, 329 (Active by day, bites man). Treeholes; ---; 238	Dyar	1928 a
	Treeholes; in forest, at 2,100 feet elevation, Jan.-May, July-Dec.; 237°	Galindo et al.	1951
	---; May, June, Aug., Sept., Mar.; 238. ---; ---; 311	Dyar	1925 c
	---; in woods at daytime, Jan., Mar., July, Dec.; 297°	Boone & Bonne-Wepster	1925
	---; active by day; 328	Anduze	1943 c
	---; ---; 328°	Hecht & Anduze	1944
<i>fabricii</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>glaucothorax</i> Dyar & Shannon	---; ---; 51, 129, 297	Lane	1953
	---; forest shade in the morning, Aug.; 53	Strong et al.	1926

TABLE 1 - MOSQUITOES (continued)

SPECIES	PREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>SABETHES</i>	---	Dyar	1928a
<i>goeldii</i> Howard, Dyar & Knab	---; ---; 53, 297, 329 ---; ---; 82 ( <i>Colocacia</i> , <i>Heliconia</i> and Bromeliads, bamboo stumps, may transmit disease)	Patino- Camargo	1940
<i>identicus</i> Dyar & Knab	---; ---; 27, 51, 53, 237	Stone et al.	1959
<i>imperfectus</i> Bonne-Wepster & Bonne	---; ---; 27 ---; diurnal; 129° ---; bites man in jungle, Nov.-Dec.; 328°	Duret Edwards Hecht & Anduze	1950 b 1922 1944
<i>intermedius</i> (Lutz)	---; ---; 21, 51, 82, 237 Artificial containers; Feb.-June; 53 ---; June; 130	Stone et al. Basseres Floch & Abonnenc	1959 1943 1947 b +
<i>kappleri</i> Bonne	---; Feb.; 297° ---; ---; 297	Bonne & Bonne-Wepster Bonne-Wepster & Bonne	1925 1923 a
<i>longfieldae</i> Edwards	---; in forest at 2,000 feet elevation; 53	Edwards	1928
<i>lutzianus</i> Lane & Cerqueira	---; ---; 27	Duret	1950 b
<i>lutsii</i> Theobald	---; ---; 53	Dyar	1928 a
<i>neivai</i> Petrocchi	---; May; 27	Shannon & Del Ponte	1927
<i>paraitipuyensis</i> Anduze	---; ---; 328	Anduze	1941
<i>purpureus</i> Theobald	---; ---; 27 ---; Feb.-June; 53 ---; June; 130 ---; bite man frequently in forest; 328°	Stone et al. Basseres Floch & Abonnenc Hecht & Anduze	1959 1943 1947 b + 1944
<i>quasicyanus</i> Peryassú	---; diurnal, in forest; 53° ---; ---; 53, 82, 240	Peryassú Stone et al.	1922 1959
<i>remipusculus</i> Dyar	---; ---; 53	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>SABETHES</i>	---; ---; 51, 328, 347	Dyar	1928 a
<i>schausi</i>	---	Bonne & Bonne-Wepster	1925
Dyar & Knab	---; ---; 53		
	---; ---; 82 ( <i>Colocacia</i> , <i>Heliconia</i> and Bromeliads, bamboo stumps)	Patino-Camargo	1940
	---; ---; 239	Edwards	1922
	---; ---; 297	Bonne-Wepster & Bonne	1923a
<i>soperi</i>	---; ---; 27, 51, 53	Stone et al.	1959
Lane & Cerqueira			
<i>tarsopus</i>	---; ---; 53°	Evans & Walker	1935
Dyar & Knab			
	---; ---; 53, 82, 85, 137, 223, 240, 297	Stone et al.	1959
	---; Feb.-Mar., Dec., in forest; 130	Floch & Abonnenc	1947 b +
	---; Sept., Nov.; 204, 237, 238	Dyar	1925c
	Bamboo; April, at sea level to 2,100 feet elevation; 237°, 238°	Galindo et al.	1951
	---; Jan. & April; 328. ---; Apr. & Sept.; 329	Dyar	1928a
<i>undosus</i>	---; ---; 27, 51, 129, 223, 237, 239, 240, 328, 329	Stone et al.	1959
(Coquillett)			
	---; May-June; 53	Basseres	1943 +
	Bamboo; ---; 130	Floch & Abonnenc	1947b +
<i>whitmani</i>	---; ---; 53	Lane	1953
Lane & Cerqueira			
<i>SABETHINUS</i>			
<i>aureoscens</i>	---; ---; 237	Dyar	1923c
Theobald			
<i>undosus</i>	---; ---; 237	Dyar	1923c
Coquillett			
	Bamboo; ---; 238	Dyar & Shannon	1924a
<i>SABETHOIDES</i>			
<i>albiprivatus</i>	---; ---; 53	Bonne & Bonne-Wepster	1925
Theobald			



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>SABETHOIDES</i>	---; ---; 53, 237	Dyar	1928 a
<i>aureoens</i> Theobald	Bamboo; May, Aug.; 238	Dyar	1925 c
	---; ---; 328	Anduze	1941
	---; ---; 27	Shannon	1931 a
<i>chloropterus</i> (Humboldt)	Treeholes; ---; 53. ---; ---; 69, 204. ---; Aug.; 237. ---; July, Aug.; 238	Dyar	1925 c
	---; in forest, bites man at night; 53°	Pinto	1930
	---; Aug., Sept.; 53	Lane	1936
	---; human bait in forest during daytime; 85°	Kumm et al.	1940
	---; ---; 128, 204	Martini	1935
	---; ---; 223, 329, 347 (Bites man)	Dyar	1928 a
	---; daytime, forest and caves; 262	Kumm & Zuniga	1942
	---; ---; 328	Anduze	1941
<i>glaucodaemon</i> Dyar & Shannon	---; ---; 53, 297	Dyar	1928 a
<i>imperfectus</i> Bonne-Wepster & Bonne	---; ---; 82 ( <i>Colocacia</i> , <i>Heliconia</i> and Bromeliads)	Patino- Camargo	1940
	---; diurnal; 129°	Edwards	1922
	---; bites man in woods; 297°	Bonne-Wepster & Bonne	1919
	---; ---; 328	Anduze	1941
<i>intermedius</i> (Lutz)	Bamboo; ---; 53	Prado	1935
	---; in forest, Aug., Sept.; 53°	Lane	1936
	---; ---; 82 ( <i>Colocacia</i> , <i>Heliconia</i> and Bromeliads, bamboo stumps)	Patino- Camargo	1940
<i>melanonympha</i> (Dyar)	---; ---; 53	Dyar	1928 a
<i>moerbiata</i> Dyar & Knab	---; ---; 129	Dyar	1928 a
<i>neivai</i> Petrocchi	---; ---; 27	Shannon	1931 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>SABETHOIDES</i> <i>nitidus</i> Theobald	---; ---; 53	Strong et al.	1926
	Bites by day; Jan.; 85°. ---; ---; 128, 129, 204. ---; Aug.; 237	Dyar	1921 d
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
<i>prolepidis</i> Dyar & Knab	Predaceous; ---; 238	Dyar	1926 b
<i>purpureus</i> Theobald	Forest glade; ---; 53	Prado	1935
	---; Sept.; 53°	Lane	1936
	---; Feb.; 53	Dyar	1928 a
<i>serratoria</i> (Dyar & Núñez Tovar)	Bamboo stumps; ---; 27	Dyar	1928 a
	---; in forest, Aug., Sept.; 53°	Lane	1936
	Bamboo; ---; 82	Komp	1936
	---; ---; 82 ( <i>Colocasia</i> , <i>Heliconia</i> and Bromeliads, bamboo stumps)	Patino- Camargo	1940
	---; ---; 328	Anduze	1941
<i>undatus</i> Coquillett	---; in forest, Aug., Sept.; 53°	Lane	1936
	---; ---; 53, 223, 237, 329. ---; Sept.; 328 (Bamboo joints, diurnal)	Dyar	1928 a
	Bamboo; Aug.; 237. Bamboo; May; 238	Dyar	1925 c
<i>STEGOMYIA</i> <i>egypti</i> (Linnaeus)	---; ---; 19	Menor & Ortega	1934
	Artificial containers; common in houses; 53	Pinto	1930
<i>calopus</i> Meigen	Artificial containers; ---; 53	Gordon	1922
<i>fasciata</i> Fabricius	---; ---; 17	Dyar	1917
	Artificial containers; in houses; 27	Kraus	1916
	---; coastal areas; 99*	Espinosa- Tamayo	1917
	---; ---; 130	Leger	1918
	Artificial containers; ---; 240	Converse	1914

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>STEGONYIA</i> <i>fasciata</i> var. <i>queenslandensis</i> Theobald	---; ---; 69, 346 (Artificial containers in or near houses, treeholes, carrier of yellow fever)	Ludlow	1913
<i>notoscriptus</i> (Skuse)	---; carrier of dengue; 18	Siler et al.	1926
<i>TAENIORHYNCHUS</i> <i>albicocta</i> Peryassú	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
<i>amazonensis</i> (Theobald)	---; ---; 53	da Costa Lima	1935
	---; ---; 130	Leger	1918
<i>arasoï</i> (Shannon & Del Ponte)	---; ---; 27	Duret	1950b
<i>arribalzagas</i> Theobald	---; ---; 53, 237. ---; common, all year; 297	Bonne & Bonne-Wepster	1925
<i>chagasi</i> da Costa Lima	---; Feb.; 53	da Costa Lima	1935
<i>chrysnotus</i> (Peryassú)	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
	Forest swamps; ---; 53	Laemert et al.	1946
<i>fasciolatus</i> Lynch Arribalzaga	---; ---; 27	Duret	1950b
	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
	Forest swamps; ---; 53	Laemert et al.	1946
	---; ---; 130	Leger	1918
	---; ---; 204	Bonne & Bonne-Wepster	1925
	Coasts; ground level, experimentally infected with yellow fever; 237	Galindo et al.	1950
	---; common along the river, feed at ground level and enter forest canopy; 237°	Galindo et al.	1951
	---; ---; 239	Edwards	1922
	---; ---; 297	Bonne-Wepster & Bonne	1923a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAENIORHYNCHUS</i>	---; ---; 27	Duret	1950 b
<i>flaveolus</i> (Coquillett)	---; in houses, April, Nov.; 53	da Costa Lima	1935
<i>hermanni</i> (Lane & Coutinho)	---; ---; 27	Duret	1950 b
<i>humeralis</i> (Dyar & Knab)	---; ---; 27	Duret	1950 b
	---; bites man at night; 27°	Martinez	1950
	---; ---; 51, 53, 82, 129, 240, 297, 328	da Costa Lima	1935
<i>hypocindyna</i> Dyar	---; ---; 53	Bonne & Bonne-Wepster	1925
<i>indubitans</i> (Dyar & Shannon)	---; April, Nov.; 53. ---; enter houses near river, April; 240	da Costa Lima	1935
	---; ---; 237	Galindo et al.	1950
<i>justamansonia</i> Chagas	---; ---; 27	Duret	1950 b
	Ground pool; bite in forest; 53°	Causey & dos Santos	1950
	---; ---; 328	Bonne & Bonne-Wepster	1925
<i>neivai</i> (Lane & Coutinho)	---; ---; 27	Duret	1950 b
<i>nigricans</i> Coquillett	---; in mountains; 27	Martinez	1950
	---; at ground level, common; 237	Galindo et al.	1950
	---; ---; 237°	Galindo et al.	1951
	---; ---; 238	Bonne & Bonne-Wepster	1925
<i>pseudotitillana</i> (Theobald)	---; in houses, April-May; 53. ---; ---; 297	da Costa Lima	1935
	---; ---; 237	Galindo et al.	1951

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TAENIORHYNCHUS</i> <i>titillans</i> (Walker)	---; active in the evening; 27	Martinez	1950
	---; ---; 53	da Costa Lima	1935
	---; ---; 69, 346, 347 (Swamps and ponds, <i>Pistia</i> , bites day and night). Swamps with <i>Pistia</i> ; enters houses; 297	Bonne & Bonne-Wepster	1925
	---; common near ground level, experimentally infected with yellow fever; 237	Galindo et al.	1950
	---; common along the river, bites at ground level in forest canopy; 237°	Galindo et al.	1951
	---; ---; 239	Edwards	1922
<i>venezuelensis</i> Theobald	---; ---; 328	Bonne & Bonne-Wepster	1925
<i>wilsoni</i> Barreto & Coutinho	Ground pool; bite in forest, all year; 53°	Causey & dos Santos	1950
<i>THEOBALDIA</i> <i>incidens</i> Thompson	---; ---; 204*	Vargas	1939
<i>inornata</i> Williston	---; ---; 204	Martini	1935
<i>macrauchenae</i> Dyar & Knab	Ground pools in high mountains; ---; 85. ---; ---; 237	Kumm et al.	1940
	---; ---; 204	Martini	1935
	Shaded rock-rimmed pool, spring water; ---; 262	Kumm & Zuniga	1942
<i>TOXORHYNCHITES</i> <i>bambusicolus</i> (Lutz & Neiva)	---; ---; 53, 82, 240, 297	Stone et al.	1959
<i>grandiosus</i> (Williston)	---; ---; 204	Stone et al.	1959
<i>guadeloupensis</i> (Dyar & Knab)	---; ---; 20, 328	Lane	1953
	Bromeliads; ---; 24	Floch & Abennenc	1945 +
	---; ---; 82, 297, 329, 346	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TOXORHYNCHITES</i>	---; ---; 27, 51, 53, 240, 328, 347	Stone et al.	1959
<i>haemorrhoidalis</i> (Fabricius)	Bamboo, artificial containers; all year; 130	Floch & Abonnenc	1947 b +
<i>haemorrhoidalis</i> <i>separatus</i> (Lynch Arribáizaga)	---; ---; 27, 53, 239	Lane	1953
<i>haemorrhoidalis</i> <i>superbus</i> (Dyar & Knab)	---; ---; 18, 85, 137, 204, 223, 237, 329 Cacao nutshells; Sept.; 99 <i>Heliconia</i> ; ---; 129 Bamboo, domestic containers; ---; 130	Stone et al. Campos Vevers Floch & Abonnenc	1959 1925 + 1924 + 1947 b
<i>hezaeae</i> (Martini)	---; ---; 51	Lane	1953
<i>hypoptes</i> Knab	Bamboo, treeholes, artificial containers; ---; 237	Galindo et al.	1951
<i>mariae</i> (Bourroul)	Bromeliads, treeholes; ---; 53 ---; ---; 329	Lane Stone et al.	1953 1959
<i>portoricensis</i> (Röder)	---; ---; 18, 21, 22, 24, 91, 328 ---; ---; 19, 20	Lane Porter	1953 1967
<i>purpureus</i> (Theobald)	---; ---; 53	Stone et al.	1959
<i>pusillus</i> (Lima)	Bamboo, treeholes; ---; 53	Lane	1953
<i>separatus</i> Lynch Arribáizaga	---; ---; 27	Duret	1950 b
<i>solstitialis</i> (Lutz)	---; ---; 27, 53 (Leaf bases of epiphytic Bromeliads) ---; ---; 328	Lane Stone et al.	1953 1959
<i>theobaldi</i> (Dyar & Knab)	---; ---; 27, 51, 53, 82, 85, 128, 129, 204, 223, 237, 262, 297, 328, 329 - -; Mar., Oct., rare; 99	Stone et al. Campos	1959 1925 +

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TOXORHYNCHITES</i> <i>trichopygus</i> (Wiedemann)	---; ---; 53 Bamboo, artificial containers; ---; 130	Stone et al. Floch & Abonnenc	1959 1947 b +
<i>tucumarius</i> Brethes	---; ---; 27	Duret	1950 b
<i>tucumarius</i> var. <i>arborealis</i> Shannon & Del Ponte	---; March; 27	Martinez	1950
<i>violaceus</i> (Wiedemann)	---; ---; 53	Stone et al.	1959
<i>TRICHOPROSOPON</i> <i>andinum</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>brevipes</i> (Lima)	---; ---; 53	Lane	1953
<i>castroi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>cerqueirai</i> Stone	---; ---; 53, 237	Stone et al.	1959
<i>compressum</i> Lutz	---; ---; 27, 51, 82, 239, 328 Forest glade; ---; 53 Bamboo, coconut shells; Aug.-Oct., rare; 237	Stone et al. Prado Galindo et al.	1959 1935 1951
<i>compressum</i> <i>compressum</i> Lutz	---; ---; 27, 53, 82, 237, 239 Fallen leaves; June; 130	Lane Floch & Abonnenc	1953 1947b +
<i>compressum</i> var. <i>mogilatum</i> (Dyar & Knab)	---; ---; 53, 237, 328	Stone et al.	1959
<i>ootopazensis</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>digitatum</i> (Bondani)	---; ---; 27 Cocoa pods; bites man in forest at daytime; 53°, 85° Tree stump; in woods, in houses, March, July and Sept.; 53	Duret Kumm et al. Townsend	1950b 1940 1934

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TRICHOPROSOPON</i>	---; ---; 204, 352	Stone et al.	1959
<i>digitatum</i> (Rondani) (cont.)	Bamboo traps, treeholes, coconut husk, artificial container; May-Sept., peak Aug.; 237	Galindo et al.	1951
	---; ---; 328	Anduze	1941
<i>digitatum</i> <i>digitatum</i> (Rondani)	---; ---; 51, 53, 82, 85, 99, 128, 130, 223, 237, 239, 262, 297, 328, 329 (Cocoa pods, coconut husks)	Lane	1953
	---; Apr.; 99	Campos	1925 +
	Salt or putrid water; bite man particularly in evening, in houses; 130a <sup>o</sup>	Floch & Abonnenc	1947b +
	Bamboo, artificial containers, fallen leaves; Feb.-June, Aug.; 130	Floch & Abonnenc	1947a +
<i>digitatum</i> var. <i>townsendi</i> Stone	---; ---; 53, 237, 329	Stone et al.	1959
<i>edwardsium</i> Lane & Cerqueira	---; ---; 51, 53, 82	Stone et al.	1959
<i>espini</i> (Martini)	---; ---; 27, 51, 53, 137, 223	Stone et al.	1959
	Leaf axils of <i>Montrichardia arborea</i> ; common at sea level, forest canopy and at ground level; 237 <sup>o</sup>	Galindo et al.	1951
<i>eugenes</i> Antunes	---; ---; 82	Lane	1953
<i>fluvialilis</i> (Theobald)	---; ---; 27, 51, 237, 347	Stone et al.	1959
	---; ---; 128, 223	Lane	1953
	Bamboo; in forest; 130	Floch & Abonnenc	1947b +
<i>frontosum</i> (Theobald)	---; ---; 27, 128, 129, 329	Stone et al.	1959
	---; experimental transmission of yellow fever; 53	Laemert et al.	1946
	---; ---; 347	Lane	1953
	---; experimental transmission of yellow fever; 352	Medell	1949
<i>humboldtii</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>hypericium</i> (Martini)	---; ---; 82, 240	Lane	1953



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TRICHOPROSOPON</i>	---; ---; 82	Bates	1943
<i>lampropus</i> (Howard, Dyar & Knab)	Predaceous; ---; 237	Dyar	1928 <sub>a</sub>
<i>lanei</i> (Antunes)	---; ---; 82	Lane	1953
<i>leucopus</i> (Dyar & Knab)	---; in forest; 130	Floch & Abonnenc	1947 <sub>b</sub> +
	---; ---; 137, 204, 223, 237	Stone et al.	1959
<i>longipes</i> Fabricius	---; ---; 18, 51, 53, 82, 128, 137, 223, 240, 328, 329, 347	Stone et al.	1959
	Flower bracts of <i>Musa bikai</i> ; Jan., Mar.-May, July- Dec.; 130°	Floch & Abonnenc	1947 <sub>b</sub> +
	<i>Coloassia</i> , flower bracts of <i>Calathea</i> and <i>Heliconia</i> ; ---; 237°	Galindo et al.	1951
<i>ludlowi</i> (Lane)	---; ---; 53	Lane	1953
<i>lunatum</i> (Theobald)	---; ---; 27, 53, 328, 329	Stone et al.	1959
<i>magnum</i> (Theobald)	---; ---; 51, 53, 85, 128, 223, 237, 328 (Bracts of <i>Calathea</i> flowers)	Lane	1953
	---; ---; 137, 297	Stone et al.	1959
	Leaf axils of <i>Calathea</i> ; ---; 237°	Galindo et al.	1951
<i>moralesi</i> (Dyar & Knab)	---; ---; 128, 204	Stone et al.	1959
<i>obscure</i> Lane & Cerqueira	---; ---; 27, 53	Stone et al.	1959
<i>pallidiventer</i> (Lutz)	---; ---; 27, 51, 53, 82 (Bamboo internodes, predaceous)	Lane	1953
	---; ---; 139, 240	Stone et al.	1959
<i>perturbans</i> (Williston)	---; ---; 128, 137, 328, 346	Stone et al.	1959
<i>pustillus</i> Lutz	---; ---; 328	Martorelli	1939
<i>rapax</i> (Dyar & Knab)	---; ---; 27	Duret	1950 <sub>b</sub>

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>TRICHOPROSOPON</i>			
<i>reversum</i> Lane & Cerqueira	---; ---; 27, 53, 239	Stone et al.	1959
<i>schedocyclius</i> (Dyar & Knab)	---; ---; 51, 204, 237	Stone et al.	1959
	---; ---; 53, 128, 223 (Bamboo internodes)	Lane	1953
<i>simile</i> Lane & Cerqueira	---; ---; 27	Duret	1950 b
	---; ---; 53	Lane	1953
<i>soaresi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>splendens</i> Lutz	---; ---; 53. ---; June; 129	Matheson	1934
<i>theobaldia</i> Lane & Cerqueira	---; ---; 53, 329 (Leaf of <i>Wittmackia</i> spp.)	Lane	1953
<i>vonpllesseni</i> (Dyar & Knab)	---; ---; 53, 240, 328 (Bamboo, <i>Heliconia</i> )	Dyar	1928 a
	---; ---; 99	Lane	1953
<i>walcottii</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>URANOETANIA</i>			
<i>aequatorianna</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>anhydor</i> Dyar	---; ---; 204	Stone et al.	1959
<i>apicalis</i> Theobald	---; ---; 24, 53	Lane	1953
	---; ---; 27	Duret	1950 b
	---; ---; 137, 237	Stone et al.	1959
<i>bicolor</i> Martini	---; ---; 204	Martini	1935
<i>brissei</i> Dyar	---; ---; 237, 328	Stone et al.	1959
<i>burtii</i> Lane	Dirty shaded pools; July; 53	Lane	1936
<i>calycanota</i> Dyar & Knab	Artificial containers; Jan.; 53	Gordon & Evans	1921
	---; ---; 53, 82, 237 (Mudprints, small ground pools, attracted by light, rare species)	Dyar	1928 a
	Mudprints and ground pools; ---; 82	Junco	1929

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>URANOTAENIA</i>	---; ---; 85, 328	Stone et al.	1959
<i>calosomata</i>	Flooded savannahs; ---; 130	Floch & Abonnenc	1947 b +
Dyar & Knab (cont.)	Small ground pools, hoofprints; April-May, Nov.; 238	Dyar	1925 c
<i>calosomata</i> var. <i>albitarsis</i> Gordon & Evans	Artificial containers; Jan.; 53	Gordon & Evans	1922
<i>coatsackaloo</i> Dyar & Knab	Running streams, stream pools, ditches, ground pools, fresh water swamps, in sun and shade; ---; 85	Kumm et al.	1940
	---; ---; 85, 99, 204, 237, 328, 329 (Small ground pools, especially along streams, treeholes)	Dyar	1928 a
	Pools and holes along stream; April; 237. Pools and holes along stream; June, Aug., Nov.; 238. ---; ---; 311	Dyar	1925 c
	---; caves; 262	Kumm & Zuniga	1942
<i>ooki</i> Root	---; ---; 20, 23	Stone et al.	1959
	Marshes among thick growth of <i>Typha</i> ; ---; 22	Weathersbee	1944 +
<i>davisi</i> Lane	---; ---; 27, 51, 53	Stone et al.	1959
<i>ditaenionota</i> Prado	---; Feb., Sept.; 27	Martinez	1950
	---; ---; 53, 237	Stone et al.	1959
<i>geometrica</i> Theobald	---; ---; 27, 99, 204, 237, 328, 329, 347 (Temporary and semi-permanent ground pools)	Dyar	1928 a
	---; ---; 51, 239, 240	Stone et al.	1959
	Ground pools; ---; 53	Townsend	1934
	---; Oct.; 53	Gordon & Evans	1922
	---; Feb.-Apr.; 53	Basseres	1943
	Grassy pools; ---; 82	Komp	1936
	Stream pools, ponds, seepage areas, ditches, swamps, hoofprints, ground pools with <i>Spirogyra</i> ; ---; 85	Kumm et al.	1940

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTEOR	DATE
<i>URANOTAENIA</i> <i>geometrica</i> Theobald (cont.)	Standing water, fresh or brackish, in pools or wells, around trees or swamp plants; Jan.-Feb., July-Dec.; 99	Campos	1925 +
	Ditches, pools, ponds, swamps, streams with vegetation; all year; 130°	Floch & Abonnenc	1947b +
	Ditch with vegetation and decaying leaves; ---; 223	Woke	1947
	Ground pools, permanent water; Dec.; 237. Ground pools, permanent water; Jan.-March, May-Aug., Oct.-Dec.; 238. ---; ---; 311	Dyar	1925c
	Sunny pools beside streams, seepage areas with <i>Spirogyra</i> ; ---; 262	Kimm & Zuniga	1942
	Stagnant, clear water with algae, in pools and swamps; in grass or on bark of trees, occasionally enters houses; 297	Bonne & Bonne-Wepster	1925
<i>hystera</i> Dyar & Knab	---; ---; 51, 82, 129, 328	Stone et al.	1959
	---; Feb., Oct.; 130	Floch & Abonnenc	1947b +
	---; Feb.; 237	Dyar	1928a
<i>inoognita</i> Galindo, Blanton & Peyton	---; ---; 237	Stone et al.	1959
<i>lansii</i> Martinez & Prosen	---; ---; 27	Stone et al.	1959
<i>leucoptera</i> (Theobald)	---; ---; 99, 237	Stone et al.	1959
	---; ---; 129, 204, 329, 347	Lane	1953
	Flooded savannahs; ---; 130	Floch & Abonnenc	1947t +
	---; enter houses in evening; 297	Bonne & Bonne-Wepster	1925
<i>lowii</i> Theobald	---; ---; 20, 21	Porter	1967
	Grassy meadow pools; Aug., in houses; 22	Root	1922
	Fresh, rarely in brackish pools with much vegetation in open country; ---; 22	Tulloch	1937
	---; ---; 24	Lane	1953

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>URANOTAENIA</i>	---; ---; 27, 82, 99, 237, 328, 329, 347 (Ground pools, grassy lake margins)	Dyar	1928 a
<i>lowii</i>	---	Cerqueira	1943 a
Theobald (cont.)	---; ---; 51	Gordon & Evans	1922
	---; Jan.; 53	Kumm et al.	1940
	Rock pools beside rivers, borrow pits, hoofprints, ground pools; ---; 85	Campos	1925 +
	Fresh or salt water, clear or turbid, in ruts and ditches with algae and other plants; Jan.-Aug., Oct.-Dec., enters houses; 99°	Martini	1935
	---; ---; 128, 204	Floch & Abonnenc	1947
	Ditches, pools, vegetated streams; ---; 130	Woke	1947
	Grassy ground pool; ---; 223	Dyar	1925
	Ground pools, grassy edges of pools; April-May, July-Sept., Nov.-Dec.; 238	Kumm & Zuniga	1942
	Crab holes; ---; 262	Bonne & Bonne-Wepster	1925
	Pools; occasionally enter houses in evening; 297	Bonne-Wepster & Bonne	1921a
	Treehole; Oct.; 297	Dyar	1925d
	---; along river; 328	van der Kuyp	1948a
	Ponds; Apr. & Jan.; 329	Lane	1953
<i>martinii</i>	---; ---; 138	Lane	1953
Lane			
<i>mathesoni</i>	---; ---; 53	Lane	1953
Lane			
<i>nataliae</i>	---; ---; 27, 51, 129, 137, 237, 329	Stone et al.	1959
Lynch Arribáizaga	Pools with organic matter; ---; 53	Lane	1936
	Flooded savannahs; ---; 130	Floch & Abonnenc	1947 b +
	---; ---; 204	Dampf	1944
	---; along river; 328	Dyar	1925 d

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>URANOTAENIA</i>			
<i>nataliae</i>			
<i>oapittis</i>	---; ---; 27	Shannon	1931a
Shannon & Del Ponte			
<i>orthodoxa</i>	Ground pools; ---; 85	Dyar	1928a
Dyar			
	---; ---; 128, 237	Stone et al.	1959
	---; ---; 204	Martini	1935
<i>pallidoventer</i>	---; ---; 53, 237	Stone et al.	1959
Theobald			
	---; June-July; 130	Floch & Abonnenc	1947 b +
	Old canoe in swamp; houses; 297	Bonne & Bonne-Wepster	1925
<i>paludosa</i>	---; ---; 237	Stone et al.	1959
Galindo, Blanton & Peyton			
<i>pulcherrima</i>	---; Oct.; 27	Mühlens et al.	1925
Lynch Arribalzaga			
	---; ---; 27, 53, 82, 99, 129, 137, 237, 328 (Small ground pools, Bromeliad leaf bases)	Dyar	1928a
	---; ---; 51, 128, 138, 204, 239	Stone et al.	1959
	---; July, enter houses in evening; 53°	Strong et al.	1926
	Pond with <i>Pistia</i> ; ---; 85	Kumm et al.	1940
	Clear water; Jan.-Feb., Oct.-Dec., rare; 99	Campos	1925 +
	Ponds, pools, ditches, flooded savannahs; ---; 130	Floch & Abonnenc	1947b +
	---; ---; 297	Bonne-Wepster & Bonne	1923a
	Hoofprints in marshy ground, shallow vegetated lagoons; ---; 328	Hecht & Anduze	1944
<i>pulcherrima</i> var. <i>elnorae</i>	---; ---; 27	Duret	1950b
Paterson & Shannon			
<i>rowlandi</i>	Pool in woods; Jan., in houses; 297	Bonne & Bonne-Wepster	1925
Theobald			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>URANOTAENIA</i>	---; ---; 18, 20, 21	Porter	1967
<i>sapphirina</i> (Osten-Sacken)	Small swampy ditch with <i>Spirogyra</i> , in cane fields; June-Sept.; 22	Wolcott	1936
	Coastal plain; Nov.; 22	Tulloch	1937
	Brackish water; rare; 22	Wolcott	1941
	---; ---; 23, 137 (Semi-permanent ground pools)	Dyar	1928 a
	---; ---; 24*	Hayes	1930 +
	Semi-stagnant stream pools with vegetation, in sun; ---; 85	Kumr et al.	1940
	---; ---; 128, 204	Martini	1935
	In pools; ---; 130	Floch & Abonnenc	1947 b +
	Sunny pools beside river with vegetation; ---; 262	Kumr & Zuniga	1942
<i>sapphirinus</i> <i>socialis</i> Theobald	---; ---; 20	Root	1927
<i>socialis</i> Theobald	---; ---; 18	Porter	1967
	---; ---; 20, 21, 23, 85, 128, 137, 237, 262	Stone et al.	1959
	Small swampy ditch containing <i>Spirogyra</i> ; June-Sept.; 22	Root	1922
<i>syntheta</i> Dyar & Shannon	---; ---; 204	Martini	1935
<i>telmatophila</i> Galindo, Blanton & Peyton	---; ---; 237	Stone et al.	1959
<i>trapidai</i> Galindo, Blanton & Peyton	---; ---; 237	Stone et al.	1959
<i>typhlosomata</i> Dyer & Knab	---; ---; 99, 237, 328, 329	Stone et al.	1959
<i>urania</i> Shannon & Del Ponte	---; ---; 27	Duret	1950 b
<i>WYBONYIA</i> <i>ababala</i> Dyer & Knab	---; ---; 85	Stone et al.	1959
	Tillandsia; ---; 204	Dyar	1925 c

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>			
<i>abia</i> Dyar & Knab	---; ---; 24	Bonne & Bonne-Wepster	1925
<i>ablades</i> Dyar & Knab	In Bromeliads; ---; 204	Bonne & Bonne-Wepster	1925
<i>adelpha</i> Dyar & Knab	---; ---; 85	Bonne & Bonne-Wepster	1925
<i>aequatorianna</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>agnostips</i> Dyar & Knab	---; ---; 237	Dyar	1923 c
	---; ---; 238	Dyar & Shannon	1924 a
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
<i>airosai</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>alani</i> Lane & Cerqueira	---; ---; 53	Stone et al.	1959
<i>albosquamata</i> (Bonne-Wepster & Bonne)	Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
	Bromeliaceae; March; 297	Bonne-Wepster & Bonne	1919
<i>amazonica</i> Levi Castillo	---; ---; 99	Stone et al.	1959
<i>antillarum</i> Floch & Abonnenc	Bromeliads; ---; 24	Floch & Abonnenc	1945 +
<i>aphobema</i> Dyar	---; -- ; 51, 53, 99, 240, 347	Stone et al.	1959
	Bromeliads; ---; 82	Komp	1936
	Bases of pineapple leaves; ---; 129	Edwards	1922
	Bromeliads; Mar., June, in forest; 130	Floch & Abonnenc	1947 b +
	Bromeliads; all year, coastal and inland; 297	Bonne & Bonne-Wepster	1925
<i>aporonoma</i> Dyar & Knab	---; ---; 51, 82, 129, 204, 262, 297, 328	Stone et al.	1959
	Treeholes, empty Brazil nut shells, fallen leaves and fruit rinds; in house; 53	Kumm & Novis	1938



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>	Treeholes, coconut shells, domestic artificial containers; ---; 85	Kumm et al.	1940
<i>aporonoma</i>			
Dyar & Knab	<i>Musa</i> ; Jan.-July; 130	Floch & Abonnenc	1947 <sub>b</sub> +
(cont.)	Flower-sheat of palm; August; 238	Dyar & Shannon	1924 a
	Tree stump; ---; 297°	Bonne & Bonne-Wepster	1925
<i>arborea</i>	---; ---; 223	Stone et al.	1959
Galindo, Carpenter & Trapido	---; July; 237°	Galindo et al.	1951 a
<i>argenteo-rostris</i>	Treeholes, Bromeliads, artificial containers; June; 130	Floch & Abonnenc	1947 b +
(Bonne-Wepster & Bonne)	Bromeliads; March; 297	Bonne & Bonne-Wepster	1925
<i>argyrura</i>	Bromeliads; ---; 18	Bonne & Bonne-Wepster	1925
Dyar & Knab			
<i>arnfieldi</i>	---; ---; 129	Vevers	1924 +
Dyar & Knab			
<i>arthrostigma</i>	---; in forest; 53°	Lane	1936
(Lutz)	---; ---; 85, 130, 240, 328, 329	Stone et al.	1959
	---; ---; 129	Vevers	1924 +
	Bamboo traps, artificial containers; Jan., Mar. and May; 237°	Galindo et al.	1951
<i>asullepta</i>	---; ---; 237	Dyar	1923 c
Theobald			
<i>autooratioa</i>	---; ---; 17, 53	Stone et al.	1959
Dyar & Knab	Bromeliads; ---; 328	Anduze	1942 a
	Bromeliads; ---; 329	Bonne & Bonne-Wepster	1925
<i>bahama</i>	---; ---; 17, 18 (Bite in daytime)	Dyar	1928 a
Dyar & Knab			
<i>baria</i>	---; ---; 262	Bonne & Bonne-Wepster	1925
Dyar & Knab			
<i>bicornis</i>	---; ---; 51, 53, 240	Stone et al.	1959
(Root)	Bromeliads; ---; 328	Anduze	1943 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i> <i>bodkini</i> Edwards	Bromeliads; ---; 129	Edwards	1922
<i>bourrouli</i> (Lutz)	---; ---; 53	Stone et al.	1959
<i>bromeliarum</i> Dyar & Knab	---; Aug.; 53°	Lane	1936
	---; ---; 85, 329 (Artificial containers)	Dyar	1928
	Bamboo stumps, Bromeliads; ---; 129	Edwards	1922
	Treeholes and bamboo; ---; 237. Treeholes and bamboo; Feb., March, May, Aug.; 238. ---; ---; 311, 347	Dyar	1925 c
	---; ---; 328	Anduze	1941
	Plant axils; possible vector of yellow fever; 352	Hecht & Anduze	1944
<i>brucei</i> Del Ponte & Cerqueira	---; ---; 27	Duret	1950b
	---; Feb.-June; 53°	Del Ponte & Cerqueira	1938
<i>camptocoma</i> Dyar	Leaf bases of Caladium; ---; 82	Dyar	1924 c
	<i>Coloasia</i> and Bromeliads; ---; 82, 328	Dyar	1928 a
<i>caracula</i> Dyar & Tovar	---; ---; 21	Thompson	1947
	---; in forest, Sept.; 53°	Lane	1936
	Bromeliads; ---; 328	Dyar	1928 a
<i>celaecephala</i> Dyar & Knab	Water between pineapple leaves; ---; 82	Komp	1936
	---; ---; 128, 262. ---; March; 137. ---; June; 328 (In Bromeliads)	Dyar	1928 a
	---; ---; 129°	Vevers	1924 +
	---; ---; 204. <i>Tillandsia</i> , <i>Aechmea setigera</i> and pineapple leaves; March, July, Nov.; 237. <i>Tillandsia</i> , <i>Aechmea setigera</i> and pineapple leaves; March, June, Aug., Sept., Dec.; 238	Dyar	1925 c
	---; ---; 223	Woke	1947
	Flower bracts of <i>Heliconia</i> ; ---; 237°	Galindo et al.	1951
	Bromeliads; ---; 329	van der Kuyp	1949 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>			
<i>cesari</i> Del Ponte & Cerqueira	---; ---; 53	Lane	1953
<i>chalocephala</i> Dyar & Knab	---; ---; 53	Stone et al.	1959
	Flower bracts of <i>Heliconia</i> ; ---; 128	Dyar	1923
	<i>Musa</i> ; ---; 130	Floch & Abonnenc	1947b +
	Flower bracts of <i>Heliconia</i> ; in forest; 237°	Galindo et al.	1951
	Flower bracts of <i>Heliconia</i> ; May; 238	Dyar & Shannon	1924 a
<i>charmion</i> Dyar	---; ---; 237	Lane	1953
	Bromeliad; Jan.; 238	Dyar	1928
<i>chrysomus</i> Dyar & Knab	In Bromeliads; ---; 237	Bonne & Bonne-Wepster	1925
	---; ---; 238	Dyar	1923
<i>circumcincta</i> Dyar & Knab	Bromeliads; ---; 223	Woke	1947
	Wild pineapple, Calathea, epiphytic bromeliads; ---; 237°	Galindo et al.	1951
	---; ---; 237	Dyar	1923c
	Bromeliads; ---; 238	Dyar	1928
<i>clavicornis</i> Dyar & Knab	---; ---; 24, 82, 237, 297	Stone et al.	1959
	---; Feb.-Mar., June, Oct., in forest; 130	Floch & Abonnenc	1947 b +
	---; ---; 237°	Galindo et al.	1951
	---; ---; 238	Dyar & Shannon	1924 a
	---; March; 297°	Bonne & Bonne-Wepster	1925
<i>coelestis</i> Dyar & Knab	---; Aug., Sept.; 53°	Lane	1936
	---; ---; 53	Stone et al.	1959
	Cut bamboo; ---; 237, 238	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>	---; ---; 237	Dyar	1923 c
<i>coenotus</i> Howard, Dyar & Knab	<i>Calathea</i> flower bracts; ---; 238	Dyar	1928
<i>colombiana</i> Lane	---; ---; 82	Lane	1953
<i>compta</i> Dyar	Bromeliads; in houses; 53	Kumm & Novis	1938
	---; ---; 82, 129, 237, 328	Stone et al.	1959
	<i>Heliconia</i> flower; ---; 85	Kumm et al.	1940
	<i>Musa</i> , Bromeliads, bamboo, pineapple, treeholes; ---; 130	Floch & Abonnenc	1947 b +
	Associated with <i>Xanthosoma</i> and <i>Monotrichardia</i> ; ---; 238	Dyar	1928
<i>compta</i> Senevet & Abonnenc	Bamboo, <i>Musa</i> , treeholes, Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
<i>confusa</i> (Lutz)	---; ---; 51, 297, 328	Stone et al.	1959
	---; Feb.-Mar., May-June; 53	Basseres	1943
<i>culebrae</i> Dyar	---; ---; 237	Dyar	1923 c
	---; ---; 238	Dyar & Shannon	1924 a
<i>delfontei</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>downsi</i> Lane	---; ---; 53	Lane	1953
<i>durhami</i> Theobald	---; ---; 237	Dyar	1923 c
<i>dyari</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>eloisa</i> Howard, Dyar & Knab	---; ---; 237	Dyar	1923 c
	Flower bracts of <i>Calathea</i> ; ---; 238	Dyar	1928
	Flower bracts of <i>Heliconia</i> -like plants; ---; 297	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>			
<i>fallax</i> Bonne-Wepster & Bonne	Bromeliaceae; Dec.; 297	Bonne-Wepster & Bonne	1919
<i>favor</i> Dyar & Nuñez Tovar	---; ---; 328	Anduze	1941
<i>felicia</i> (Dyar & Nuñez Tovar	---; ---; 328, 329	Stone et al.	1959
<i>finlayi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>flavifacies</i> Edwards	---; ---; 53	Stone et al.	1959
	---; near river, Sept.; 82	Komp	1936
	Bromeliads; ---; 129	Edwards	1922
<i>florestan</i> Dyar	Treehole; ---; 237	Galindo et al.	1951a
	---; January; 238	Dyar	1925
<i>flui</i> Bonne-Wepster & Bonne	---; ---; 297	Bonne-Wepster & Bonne	1923a
<i>fratercula</i> Dyar & Knab	Artificial containers; ---; 24	Senevet & Quievreux	1941
<i>fuscipes</i> Edwards	---; ---; 239	Edwards	1922
<i>galoa</i> Dyar & Knab	Flower bracts of <i>Heliconia</i> ; ---; 128	Dyar	1923
<i>gadians</i> Dyar & Nuñez Tovar	---; May; 129. ---; ---; 328 (Bromeliaceae)	Dyar	1928a
<i>gausapata</i> Dyar & Nuñez Tovar	---; in forest, Aug.-Sept.; 53 <sup>2</sup>	Lane	1936
	Bamboo; ---; 328	Dyar	1928a
<i>glauccephala</i> Dyar & Knab	---; ---; 19	Bonne & Bonne-Wepster	1925
<i>grayi</i> Theobald	---; ---; 23, 24	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>	Bromeliads; ---; 85	Kumm et al.	1940
<i>guatemala</i>			
Dyar & Knab	---; ---; 128, 204, 262	Dyar & Shannon	1924 a
	<i>Tillandsia</i> and other epiphytic Bromeliaceae; Jan., July; 237. <i>Tillandsia</i> and other epiphytic Bromeliaceae; Jan., May-Aug., Dec.; 238	Dyar	1925 c
<i>gynaeceopus</i>	---; ---; 85, 262	Dyar	1924
Dyar & Knab			
<i>hemisagnosta</i>	---; ---; 51, 53	Stone et al.	1959
Dyar & Knab	---; ---; 85 (Coconut husks)	Dyar	1928 a
	---; ---; 237°	Galindo et al.	1951
	---; ---; 238	Dyar	1925
	Coconut husk; ---; 262	Dyar	1924
<i>hirsuta</i>	---; ---; 21	Thompson	1947
(Hill & Hill)			
<i>homothe</i>	---; ---; 237. ---; bamboo woods; 238	Dyar	1924
Dyar & Knab	---; ---; 237°	Bonne & Bonne-Wepster	1925
	Wild pineapple; August; 238	Dyar & Shannon	1924 c
<i>homotina</i>	---; ---; 69	Bonne & Bonne-Wepster	1925
Dyar & Knab			
<i>hosantos</i>	---; ---; 53, 82	Stone et al.	1959
Dyar & Knab	Cut bamboo; ---; 237	Dyar	1928 a
	---; ---; 238	Bonne & Bonne-Wepster	1925
<i>hosantos</i>			
var. <i>leucotarsis</i>	---; in forest, Aug., Sept.; 53°	Lane	1936
Lane			
<i>hosardi</i>	---; ---; 53	Lane	1953
Lane & Cerqueira			
<i>ineana</i>	Wild pineapple; Aug.; 238	Dyar	1922 c
Dyar			

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i> <i>incaudata</i> Root	Bromeliads; ---; 53	Dyar	1928 a
<i>intonoa</i> Dyar & Knab	Bromeliads; ---; 85	Kumm et al.	1940
	---; ---; 237	Dyar	1923 c
	Bromeliaceae; ---; 238	Dyar & Shannon	1924 a
<i>jocososa</i> (Dyar & Knab)	---; ---; 204, 237, 238	Stone et al.	1959
	Leaf axils of <i>Calathea</i> , <i>Colocasia</i> , <i>Dieffenbachia</i> , <i>Xanthosoma</i> ; ---; 237°	Galindo et al.	1951
	Leaf axils of <i>Caladium</i> and <i>Colocasia</i> , <i>Xanthosoma</i> and <i>Monotrichardia</i> ; ---; 238	Dyar	1928
<i>kerri</i> Del Ponte & Cerqueira	---; ---; 51	Stone et al.	1959
	Treeholes, fallen leaves and fruit rinds; in houses; 53	Kumm & Novis	1938
<i>knabi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>kummi</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>labesba</i> Howard, Dyar & Knab	---; Aug.; 238	Dyar	1922 c
<i>lamellata</i> (Bonne-Wepster & Bonne)	Bromeliads; ---; 297	Bonne & Bonne-Wepster	1925
<i>lassalli</i> Bonne-Wepster & Bonne	Bromeliads; ---; 329	Bonne & Bonne-Wepster	1925
<i>lateralis</i> Petrocchi	---; Feb.- Mar., bites man by day in woods; 27°	Martinez	1950
	---; ---; 51	Stone et al.	1959
<i>leucopisthepus</i> Dyar & Knab	---; ---; 237	Dyar	1923 c
<i>leucostigma</i> Lutz	---; ---; 27, 51	Stone et al.	1959
	Leaf base of <i>Typha</i> ; ---; 53	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>			
<i>limai</i> Lane & Cerqueira	---; ---; 27, 51, 53	Stone et al.	1959
<i>longirostris</i> Theobald	---; ---; 27	Shannon	1931 a
	---; ---; 53	Basseres	1943
<i>luteoventralis</i> (Theobald)	Bamboo; Jan., July; 53	da Costa Lima	1930 a
	Treeholes, bamboo, <i>Musa</i> , Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
	---; ---; 328	Stone et al.	1959
<i>lutai</i> (Lima)	---; in forest, Aug.; 53°	Lane	1936
<i>mattinglyi</i> Lane	---; ---; 53	Lane	1953
<i>medioalbipes</i> Lutz	---; ---; 19, 27, 53, 329	Lane	1953
	---; ---; 239, 346	Stone et al.	1959
<i>melanocephala</i> Dyar & Knab	---; enter houses at night; 24°	MacDonald	1917
	---; ---; 27, 51, 53, 82, 328, 329, 346, 347	Stone et al.	1959
	---; bite man in woods during day; 85°	Kumm et al.	1940
	Bamboo and <i>Musa</i> ; Jan.-Nov.; 130	Floch & Abonnenc	1947 b +
	Leaf axils of <i>Calathea</i> and <i>Xanthosoma</i> , cut bamboo ---; ---	Galindo et al.	1951
	Leaf axils of <i>Caladium</i> and <i>Colocasia</i> ; ---; 238	Dyar	1928
	Leaf axils of <i>Caladium</i> ; ---; 297°	Bonne & Bonne-Wepster	1925
	---; ---; 297	Bonne-Wepster & Bonne	1923 a
	---; ---; 328°	Anduze	1943 a
<i>melanopus</i> Dyar	Bromeliads, treeholes; ---; 85	Kumm et al.	1940
	---; ---; 204	Stone et al.	1959



TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>	Leaf axils of <i>Aechmea setigera</i> , epiphytic bromeliads; in human bait traps of 2,100 feet elevation; 237°	Galindo et al.	1951
<i>melanopus</i> Dyar (cont.)	---; Jan.; 237. <i>Tillandsia</i> ; ---; 238	Dyar	1925 c
<i>minor</i> Dyar & Knab	---; ---; 18	Bonne & Bonne-Wepster	1925
<i>mittelli</i> (Theobald)	Bromeliaceae; ---; 18, 20	Dyar	1924 a
	---; ---; 18, 19, 21 (Bromeliads, bite man)	Dyar	1928 a
	Bromeliads; ---; 22°	Tulloch	1937
	---; in the mountains; 22	Woicott	1941
	---; ---; 85, 128, 204, 262, 328, 329, 346	Stone et al.	1959
	Bromeliads; ---; 91	Dyar	1924 b
	Bamboo, treeholes, Bromeliads; Jan.; 237°	Galindo et al.	1951
<i>moerhista</i> (Dyar & Knab)	---; ---; 53, 82, 129, 328	Stone et al.	1959
<i>muhlensii</i> Shannon & Del Ponte	Bromeliads; Oct., Nov.; 27	Shannon & Del Ponte	1927
<i>mystes</i> (Dyar)	---; ---; 51	Cerqueira	1943 a
	Bromeliads; ---; 53	Kum & Novis	1938
	---; Apr., in forest; 130	Floch & Abonnenc	1947 b +
<i>negrensis</i> Gordon & Evans	Stem of wild banana; in forest; 53	Gordon & Evans	1922
<i>negrescens</i> Gordon & Evans	Stem of wild banana in forest; ---; 297	Bonne & Bonne-Wepster	1925
<i>nigritubus</i> Galindo, Carpenter & Trapido	---; ---; 204	Stone et al.	1959
	---; April; 237	Galindo et al.	1951 a
<i>oblita</i> (Lutz)	---; ---; 27	Duret	1950 b
	Bromeliad; ---; 51	Martinez	1950 a
	Bromeliad; Feb.-June; 53	Dyar	1928 a

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>	Bamboo internodes; ---; 53	da Costa	
<i>oblita</i>		Lima	1930
(Lutz)	---; bite man by day in woods; 53°	Pinto	1930
(cont.)	---; in forest, Aug.; 53	Lane	1936
	Bamboo; ---; 130	Floch & Abonnenc	1947b +
	Bromeliads; Dec.; 297	Bonne & Bonne-Wepster	1925
<i>occulta</i>	---; ---; 51, 53	Stone et al.	1959
Bonne-Wepster & Bonne	<i>Musa</i> , bamboo; Jan.-May, Aug., Oct., Dec.; 130	Floch & Abonnenc	1947b +
	<i>Heliconia</i> ; all year; 297	Bonne & Bonne-Wepster	1925
<i>onidus</i>	---; ---; 137	Root	1924
Dyar & Knab	---; ---; 237	Dyar	1923c
	---; ---; 297	Bonne-Wepster & Bonne	1923a
<i>pallidoventer</i>	---; ---; 53	Dyar	1928a
Theobald			
<i>pampithes</i>	---; ---; 21, 328	Stone et al.	1959
(Dyar & Nuñez Tovar)			
<i>paraensis</i>	---; ---; 237	Dyar	1923c
Theobald	Flower-sheath of palm; August; 238	Dyar & Shannon	1924a
<i>personata</i>	---; ---; 27, 51, 53, 204, 237, 328	Stone et al.	1959
(Lutz)	Treeholes, chestnut shells, fruit rinds, fallen leaves in forest; Jan., July, Oct.-Dec., common Oct. & Nov., forest; 237°	Galindo et al.	1951
<i>pertinans</i>	---; ---; 21	Thompson	1947
(Williston)	---; ---; 23	Bonne & Bonne-Wepster	1925
	Treeholes; enter houses at night; 24°	MacDonald	1917
	---; ---; 329, 346	Stone et al.	1959

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>	---; ---; 27, 51, 53, 239	Stone et al.	1959
<i>petrocchiae</i> (Shannon & Del Ponte)	---; July-April; 53*	Del Ponte & Cerqueira	1938
<i>phroso</i> Howard, Dyar & Knab	<i>Heliconia</i> stump; ---; 237	Bonne & Bonne-Wepster	1925
	<i>Heliconia</i> stumps; ---; 238	Dyar & Shannon	1924 a
<i>pilioauda</i> (Root)	Bromeliads; ---; 53	Dyar	1928 a
	---; ---; 328	Anduze	1941
<i>prolepidis</i> Dyar & Knab	---; ---; 237	Dyar	1923
	Leaf axils of <i>Dieffenbachia</i> ; ---; 237*	Galindo et al.	1951
	---; ---; 238	Dyar & Shannon	1924 a
<i>pseudomethysticus</i> Bonne-Wepster & Bonne	---; ---; 237	Dyar	1923 c
<i>pseudoscuten</i> Dyar & Knab	---; ---; 53, 82, 204	Stone et al.	1959
	---; March; 85. ---; ---; 126, 237, 328. ---; June; 329 (Flower bracts of <i>Heliconia</i> )	Dyar	1928 a
	<i>Heliconia</i> ; ---; 129	Edwards	1922
	<i>Musa</i> ; in forest; 130	Floch & Abonnenc	1947 b +
	<i>Heliconia</i> , flower-sheath of palm; August; 238	Dyar & Shannon	1924 a
	<i>Calathea</i> flower bracts; ---; 238	Dyar	1928
	Flower sheaths of <i>Heliconia</i> -like plants; ---; 297	Bonne & Bonne-Wepster	1925
<i>quasilongirostris</i> (Theobald)	---; ---; 27	Shannon	1931 a
	Bromeliads; ---; 53	Kumm & Novis	1938
	---; ---; 130	Bonne & Bonne-Wepster	1925
<i>quasiluteoventralis</i> (Theobald)	---; ---; 27	Duret	1950 b
	---; ---; 129, 297	Dyar	1924 b

TABLE 1 - MOSQUITOES (continued)

SPYCIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i>	---; ---; 237	Stone et al.	1959
<i>quasiluteoventralis</i> (Theobald) (cont.)	Leaf bases of "elephant ears"; ---; 262	Kumm & Zuniga	1942
	Bromeliads; Nov.-Dec.; 328°	Hecht & Anduze	1944
	---; ---; 329 (Epiphytic and terrestrial bromeliads)	Dyar	1928 a
<i>quasiluteoventralis</i> var. <i>colsoni</i> Senevet & Quiévreux	---; ---; 24	Senevet & Quiévreux	1941
	---; ---; 346	Stone et al.	1959
<i>robusta</i> Senevet & Abonnenc	Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
<i>rolonca</i> Dyar & Knab	---; ---; 237	Dyar	1923 c
	---; ---; 238	Bonne & Bonne-Wepster	1925
<i>roloncaetta</i> Dyar	---; ---; 237	Dyar	1923 c
<i>rooti</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>roucouyana</i> (Bonne-Wepster & Bonne)	---; ---; 53	Lane	1953
	Bromeliads; March; 297	Bonne & Bonne-Wepster	1925
	---; ---; 328	Anduze	1941
<i>sabethea</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>schnusei</i> (Martini)	---; ---; 51	Stone et al.	1959
<i>scootinomus</i> (Dyar & Knab)	---; ---; 27, 239	Duret	1950 +
	---; ---; 82, 329	Stone et al.	1959
	Bromeliads; in forest during day; 85	Kumm et al.	1940
	Arboreal and terrestrial Bromeliads; May-June; 237.	Dyar	1925 c
	Arboreal and terrestrial Bromeliads; Aug., Oct., Dec.; 238		

TABLE 1 - MOSQUITOES (continued)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i> <i>sootinus</i> (Dyar & Knab) (cont.)	Epiphytic bromeliads and <i>Colocasia</i> ; ---; 237°	Galindo et al.	1951
<i>serrata</i> (Lutz)	---; ---; 53	Lane	1953
<i>serratoria</i> (Dyar & Nuñez Tovar)	---; ---; 27, 53, 82, 328	Stone et al.	1959
<i>shannoni</i> Lane & Cerqueira	---; ---; 53	Lane	1953
<i>simmsi</i> (Dyar & Knab)	<i>Tillandsia</i> ; Jan. & March; 237	Dyar	1925c
	Bromeliads; ---; 238	Dyar	1928
<i>smithii</i> (Coquillett)	---; ---; 17	Dyar	1917
<i>sorocoma</i> Dyar	---; ---; 19	Bonne & Bonne-Wepster	1925
<i>splendida</i> Bonne-Wepster & Bonne	Bromeliads and <i>Heliconia</i> ; ---; 129	Edwards	1922
	---; Apr., June; 130	Floch & Abonnenc	1947 b +
	Bromeliaceae; Jan., March; 297	Bonne-Wepster & Bonne	1919
	---; ---; 328	Anduze	1941
<i>stonei</i> Vargas & Martinez Palacios	---; ---; 204	Stone et al.	1959
<i>subcomplasa</i> (Del Ponte)	---; ---; 53	Stone et al.	1959
<i>tarsata</i> Lane & Cerqueira	---; ---; 51, 53	Stone et al.	1959
<i>taurepana</i> Anduze	---; ---; 328	Anduze	1941
<i>telestica</i> Dyar & Knab	Bromeliads; ---; 129	Edwards	1922
	Bromeliads; Aug.; 297	Bonne & Bonne-Wepster	1925
	---; ---; 329	Lane	1953

TABLE 1 - MOSQUITOES (conclusion)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>WYEOMYIA</i> <i>testei</i> Senevet & Abonnenc	Treeholes, bamboo, <i>Musa</i> , Bromeliads; ---; 130	Floch & Abonnenc	1947 b +
<i>trinidadensis</i> Theobald	---; ---; 328	Anduse	1941
	Bromeliads; ---; 329	Dyar	1928 a
<i>tripartita</i> (Bonne-Wepster & Bonne)	---; ---; 27	Shannon	1931 a
	---; ---; 53	Sum & Novis	1938
<i>ulocoma</i> (Theobald)	---; ---; 19, 129, 237, 328, 329	Lane	1953
	<i>Musa</i> ; ---; 130	Floch & Abonnenc	1947 b +
	<i>Heliconia</i> flower bracts; ---; 238	Dyar	1928
<i>undulata</i> Del Ponte & Cerqueira	---; ---; 51, 53	Stone et al.	1959
<i>vandussei</i> Dyar & Knab	---; ---; 17, 21	Lane	1953
	---; ---; 18, 19, 24 (Leaf bases of epiphytic Bromeliads)	Dyar	1924 a
	---; ---; 20	Root	1927
<i>violescens</i> Dyar & Knab	---; ---; 18	Sonne & Bonne-Wepster	1925
<i>psipolu</i> Dyar	- -; ---; 51, 53, 82, 237, 329	Stone et al.	1959
	Leaf axils of <i>Dieffenbachia</i> ; ---; 237*	Galindo et al.	1951
	Treeholes; ---; 238	Bonne & Bonne-Wepster	1925

TABLE 1 - MOSQUITOES  
(ALDENDA)

SPECIES	BREEDING HABITATS; ADULT ACTIVITY; DISTRIBUTION (GENERAL STATEMENTS)	AUTHOR	DATE
<i>ANOPHELES</i> <i>albimanus</i> Wiedemann	---; in houses, Jan.; 128. ---; common in houses, bed nets; 137. ---; in houses, infected with oöcysts; 237	Komp	1941
<i>albitarsis</i> var. <i>brasilensis</i> Chagas	Large and small pools, ponds, marshes, seepages with much vegetation; ---; 53	Root	1926
<i>CULEX</i> <i>pipiens</i> Linnaeus	---; ---; 204**	Vargas	1939
<i>SABETHES</i> <i>purpureus</i> Theobald	---; ---; 329	Lassalle	1916
<i>URANOTAENIA</i> <i>natalias</i> Lynch	Pools with organic matter; ---; 53	Lane	1936
Arribáizaga	Flooded savannahs; ---; 130	Floch & Abonnenc	1947 +

TABLE 2 - SUMMARY OF DISEASES OR DISEASE ORGANISMS TRANSMITTED BY MOSQUITOES

SPECIES	DISEASE OR DISEASE ORGANISM					DISTRIBUTION
	VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER		
<i>Aedes</i>						
<i>aegypti</i> Linnaeus	Dengue				24 + 82 237	240 328
			Filariasis			297
			Nocturnal filariasis			23
	Yellow fever				24 + 53 82 237 240 328	(Floch & Abonnenc 1943) (Patino- Camargo 1940) (Carter 1924) (Carter 1924) (Ortiz 1944)
<i>argenteus</i> Poiret	Yellow fever					85
<i>fasciatus</i> Fabricius	Yellow fever Dengue					204
<i>leucocelaenus</i> Dyar & Shannon	Yellow fever				53	328
<i>scapularis</i> (Rondani)			Nocturnal filariasis			53
	Yellow fever				84	204
<i>serratus</i> (Theobald)	Yellow fever					204
<i>senilis</i> (Wiedemann)	Yellow fever					204
<i>serratus</i> (Walker)	Yellow fever					204
<i>triseriatus</i> (Say)	Yellow fever					204



TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM					DISTRIBUTION
	VIRUS &					
	RICKETTSIA	PROTOZOA	HELMINTHS	OTHER		
<hr/>						
ANOPHELES						
albimanus			Filariasis			223 (Woke 1947)
Wiedemann						
		Malaria			18	137
					19	138
					20	204
					21	223
					22	237
					53 +	238
					68	240
					82	262
					35	328
					99	329
					127	347
					128	
			Nocturnal filariasis			23
		Plasmodium falciparum				328 (Russell 1956)
albitarsis		Malaria			53	329
Lynch- Arribalzaga					82	
albitarsis		Malaria				27
albitarsis						
Lynch- Arribalzaga						
albitarsis		Malaria				53
domesticus						
Galvao & Damasceno						
aquasalis		Malaria			24	311
Curry					53	329
					127	
argyritarsis		Malaria			53	127
Robineau-Desvoidy					82	204
		Plasmodium falciparum				328
astecus		Malaria				204
Hoffmann						

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM					DISTRIBUTION
	VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER		
<i>ANOPHELES</i>						
<i>bellator</i> Dyar & Knab		Malaria		53		329
<i>crusii</i> Dyar & Knab		Malaria				53
<i>crusii</i> <i>crusii</i> Dyar & Knab		Malaria				53
<i>darlingi</i> Root			Filariasis			129 (Giglioli 1948)
		Malaria		51 53 82 99 128		129 (Russel' 1956) 130 + 138 328
			Nocturnal filariasis			53 (Manson-Bahr 1959) 129
		<i>Plasmodium</i> <i>falciparum</i>				328 (Russell 1956)
<i>grabhami</i> Theobald		Malaria				19
<i>hectoris</i> Giaquito-Mira		Malaria				128
<i>kerteszia</i> <i>aquasalis</i>			Nocturnal filariasis			53
<i>kerteszia</i> <i>bellator</i>			Nocturnal filariasis			53
<i>norooestensis</i> Galvao & Lane		Malaria				53 +
<i>occidentalis</i> Dyar & Knab		Malaria				204
<i>oswaldoi</i> <i>guarajaensis</i> Ramos		Malaria				53

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM					DISTRIBUTION
	VIRUS & RICKETTSIA	PROTOZOA	HELMINTHS	OTHER		
<i>ANOPHELES</i>						
<i>oswaldoi</i>		Malaria				53
<i>oswaldoi</i> (Peryassu)						
<i>pseudopunctipennis</i>		Malaria		24	223	
Theobald				27	237	
				51	238	
				75	239	
				82	240	
				99	262	
				128	328	
				204		
<i>pseudopunctipennis</i>		Malaria		27	204	
<i>pseudopunctipennis</i> Theobald						
<i>pseudopunctipennis</i> <i>rivadeneirai</i> Levi Castillo		Malaria			99	
<i>pseudopunctipennis</i> <i>willardi</i> Vargas		Malaria			204	
<i>punctimacula</i>		Malaria		82	237	
Dyar & Knab				85	240	
				99		
<i>punctipennis</i> (Say)		Malaria		204	328	
<i>quadrimaculatus</i> Say		Malaria		204	237	
<i>tarsimaculatus</i> Goeldi		Malaria		24	237	
				53	238	
		Nocturnal filariasis				53 (Manson-Bahr 1959)
<i>triannulatus</i> Neiva & Pinto		Malaria			237	
<i>vestitipennis</i> Dyar & Knab		Malaria			21	

TABLE 2 - MOSQUITOES (continued)

SPECIES	DISEASE OR DISEASE ORGANISM					DISTRIBUTION
	VIRUS &	PROTOZOA	HELMINTHS	OTHER		
	RICKETTSIA					
<hr/>						
<i>CULEX</i>						
<i>fatigans</i> wiedemann			Filariasis			129
			<i>Wuchereria</i> <i>bancrofti</i>	53 223		328
<i>habilitator</i> Dyar & Knab			Nocturnal filariasis			23
<i>pipiens</i> Linnaeus	Yellow fever		<i>Wuchereria</i> <i>bancrofti</i>			204
<i>pipiens</i> <i>fatigans</i> Wiedemann			Nocturnal filariasis	23 53		129
<i>quinquefasciatus</i> Say			Filariasis	22		85
<i>HAEMAGOGUS</i>						
<i>capricornii</i> Lutz	Yellow fever			53		82
<i>equinus</i> Theobald	Yellow fever					204
<i>spegazzinii</i> Brèthes	Yellow fever			51 53 82 99		240 328 347
<i>spegazzinii</i> <i>falco</i> Kumm, Osorno-Mesa & Boshell- Manrique	Yellow fever			82		237
<i>MANSONIA</i>						
<i>fasciolata</i> (Lynch Arribalzaga)	Yellow fever					204
<i>titillans</i> (Walker)	Yellow fever					204
<i>PSOROPHORA</i>						
<i>ferox</i> (Humboldt)	Yellow fever					204

TABLE 2 - MOSQUITOES (conclusion)

SPECIES	DISEASE OR DISEASE ORGANISM						DISTRIBUTION			
	:	VIRUS &	:	:	:	:				
	:	RICKETTSIA	:	PROTOZOA	:	HELMINTHS		:	OTHER	:
	:	:	:	:	:	:		:		
STEGOMYIA fasciata Fabricius		Yellow fever							99	
THEOBALDIA incidens Thompson		Yellow fever							204	
TRICHOPROSOPON digitatum digitatum (Rondani)						Wuchereria bancrofti			130 +	
URANOTAENIA sapphirina (Osten-Sacken)				Malaria					24 +	

# LITERATURE CITED

Anduse, P.J.

1941. Lista provisional de los zancudos hematofagos de Venezuela (Diptera: Culicidae). Bol. Ent. venezol. 1(1):6-18.

1942. Fauna culicidiana de Venezuela. Descripción de dos especies nuevas (Diptera: Culicidae). Bol. Ent. venezol. 1(2):43-49.

- 1942a. La fauna culicidiana de Venezuela. Descripción de una especie nueva (Diptera: Culicidae). Rev. Sanid. Asist. soc. 7(4):557-560.

- 1942b. Distribución geográfica de los *Haemagogus* venezolanos y su posible relación con la fiebre amarilla selvática. Rev. Sanid. Asist. soc. 7(6):821-824.

1943. Estudios de entomología médica en el Estado Mérida (Venezuela). Bol. Ent. venezol. 2(3):149-156.

- 1943a. Estudios de entomología médica en el Estado Mérida-Venezuela. La fauna culicidiana. Descripción del *Culex albertoi* sp.n. Bol. Ent. venezol. 2(4):189-196.

- 1943b. *Culex beauperthuyi* sp.nov. (Diptera: Culicidae). Rev. Sanid. Asist. soc. 8(3):459-461.

- 1943c. Variaciones en huevos de *Anopheles pseudopunctipennis* Theobald. Rev. Sanid. Asist. soc. 8(3):463-465.

1944. *Aedes (Ochlerotatus) euiris* Dyar. Bol. Ent. venezol. 3(3):161-163.

Anonymous

1944. Malaria. Annual report, 1943, of the co-operative work in Trinidad and Tobago, B.W.I. Trinidad Government-Rockefeller Foundation. Govt. Printers.

1948. Control de *Stegomyia (Aedes aegypti)* en la ciudad de la Habana. Bol. Ofic. sanit. pan-amer. 27(7):633.

- 1948a. Informe Mensual, Mes de Febrero de 1948. Servicio de Control de *Aedes aegypti*. Bol. Ofic. sanit. pan-amer. 27(7):636-638.

Antunes, P.C.A. & J. Lane

1938. Um novo *Aedes*, *Aedes (Ochlerotatus) pennai*, encontrado em São Paulo. Rev. Mus. paul. 23:605-614. (Abstract used).

Balfour, A.

1925. Report on medical and sanitary matters in Bermuda, 1923. London, Crown Agents for the Colonies. 91 p. (Abstract used).

Barber, M.A., W.H.W. Komp & H.C. Clark

1924. Report on some malaria work done in the Tela and Guatemala Divisions. 11th Rep. med. Dep. un. Fruit Co. p. 213-223.

Barretto, M.P.

1940. Observações sobre a ecologia dos anofelinos do grupo *Nyssorhynchus* (Diptera, Culicidae). I. O *Anopheles (N.) strodei* Root, 1926, o *A. (N.) argyritarsis* Rob. Desv., 1827 e o *A. (N.) albitarsis* Arribalzaga, 1877 de Palmeiras, Estado de S. Paulo. Rev. Ent. Rio de J. 11(1-2):159-172.

- Basseres, M.  
1943. Atividades da estação biológica de Perdés. Mem. Inst. Osw. Cruz. 38:39-52.
- Bates, M.  
1943. Mosquitoes as vectors of *Dermatobia* in eastern Colombia. Ann. ent. Soc. Amer. 36(1):21-24.
- \_\_\_\_\_.  
1945. Observations on climate and seasonal distribution of mosquitoes in eastern Colombia. J. Anim. Ecol. 14(1):17-25.
- \_\_\_\_\_. & J. Zulueta  
1949. The seasonal cycle of Anopheline mosquitoes in a pond in Eastern Colombia. Amer. J. trop. Med. 29(1):129-150.
- \_\_\_\_\_. & M. Roca-García  
1946. The development of the virus of yellow fever in *Haemagogus* mosquitoes. Amer. J. trop. Med. 26(5):585-605.
- Baxter, C.P. & J. Zetek  
1944. The *Anopheles* of Panama with special reference to hand lens identification and notes on collecting and care of specimens. Amer. J. trop. Med. 24(2):105-115.
- Bequaert, J.  
1925. Report of an entomological trip to the Truxillo Division, Honduras, to investigate the sand-fly problem. 13th Rep. med. Dep. un. Fruit Co. 1924. p. 193-206.
- Bodkin, G.E.  
1919. Report of the economic biologist. Rep. Dep. Sci. Agric. Brit. Guiana 1918. Appendix 3. 9 p.
- \_\_\_\_\_.  
1921. Report on malarial mosquitoes in the Potaro District. J. Bd. Agric. Brit. Guiana. 14(4):262-265.
- Bonne, C.  
1923. Variability of *Anopheles tarsimaculata* Goeldi (Diptera, Culicidae). Insec. Inscit. menst. 11(7-9):127-128.
- \_\_\_\_\_.  
1923a. Notes on some *Goeldia* species from Surinam (Diptera, Culicidae). Insec. Inscit. menst. 11(7-9):128-129.
- \_\_\_\_\_. & J. Bonne-Wepster  
1925. Mosquitoes of Surinam. A study on neotropical mosquitoes. Meded. K. Inst. Trop. 21, Afd. trop. Hyg. no.13, 558 p.
- Bonne-Wepster, J. & C. Bonne  
1919. Four new South American mosquitoes (Diptera, Culicidae). Insec. Inscit. menst. 7(7-9):105-113.
- \_\_\_\_\_. & \_\_\_\_\_.  
1919a. Diagnoses of new mosquitoes from Surinam, with a note on synonymy (Diptera, Culicidae). Insec. Inscit. menst. 7(10-12):165-180.
- \_\_\_\_\_. & \_\_\_\_\_.  
1921. Surinaamsche *Anopheles*-soorten. Geneesk. Tijdschr. Ned.-Indie. 61(6):673-679.
- \_\_\_\_\_. & \_\_\_\_\_.  
1921a. The first *Sabethes* larva found (Diptera, Culicidae). Insec. Inscit. menst. 9(4-6):98-99.
- \_\_\_\_\_. & \_\_\_\_\_.  
1923. A new *Negarhinus* from Surinam (Diptera, Culicidae). Insec. Inscit. menst. 11(1-3):7-9.

- Bonne-Wepster, J. & C. Bonne  
1923a. A list of mosquitoes from Dutch Guiana (Diptera, Culicidae). Insec. Inscit. monst. 11(7-9):123-127.
- Bordas, E. & W.G. Downs  
1951. Control of *Anopheles pseudopunctipennis* in Mexico with DDT residual sprays applied in buildings. IV. Activity pattern of adult *A. pseudopunctipennis* Theo. Amer. J. Hyg. 53(2):217-223.
- Boshell-Manrique, J. & E. Osorno-Mesa  
1944. Observations on the epidemiology of jungle yellow fever in Santander and Boyacá, Colombia, September, 1941, to April, 1942. Amer. J. Hyg. 40(2):170-181.
- Boyd, M.F. ed.  
1949. Malariaology. A comprehensive survey of all aspects of this group of diseases from a global standpoint. W.B. Saunders Co., Philadelphia, Pa. and London. 2 vols. 1643 p.
- \_\_\_\_\_. & F.W. Aris  
1929. A malaria survey of the island of Jamaica, B.W.I. Amer. J. trop. Med. 9(5):309-399.
- Brennan, J.M.  
1951. The occurrence of *Anopheles crucians* in Guatemala. Amer. J. trop. Med. 31(1):138.
- Bruce, C.O., T.D. Knigin, S.F. Yolles & A.E. Graham jr.  
1943. Report of species of *Anopheles* in British Guiana. Amer. J. trop. Med. 23(4):437-444.
- Bustos Castellanos, J., L. Cerdan Murrieta, G. Lassman & C. Ortiz  
1949. A malaria reconnaissance of the State of Veracruz, Mexico. Amer. J. trop. Med. 29(1):23-35.
- Butts, D.C.A.  
1947. Filial infection in Costa Rica. Amer. J. trop. Med. 27(5):607-615.
- Campos, F.  
1925. Estudios biológicos sobre los mosquitos de Guayaquil y alrededores. Rev. Col. Rocafuerte. 7(21-22):3-49. (Abstract used).
- \_\_\_\_\_.  
1929. Un año a caza de criaderos de mosquitos por los pantanos de Guayaquil y alrededores. Rev. Col. Rocafuerte. 11(36-37):17-62.
- Carr, H.P. & J. Fernández Meléndez  
1942. Malaria reconnaissance of the province of Pinar del Rio in Cuba. Amer. J. trop. Med. 22(1):51-61.
- \_\_\_\_\_. & R.B. Hill  
1942. A malaria survey of Cuba. Amer. J. trop. Med. 22(6):587-607.
- \_\_\_\_\_. J. Fernández Meléndez, A. Ros & A. Fernández Meléndez  
1942. Malaria reconnaissance of the province of Havana in Cuba. Amer. J. trop. Med. 22(1):63-71.
- Carter, H.R.  
1924. Preferential and compulsory breeding-places of *Aedes (Stegomyia) aegypti* and their limits. Ann. trop. Med. Parasit. 18(4):493-503.
- Causey, O.R.  
1945. Description of *Anopheles (Nyssorhynchus) dunhami*, a new species from the Upper Amazon Basin. J. nat. Malar. Soc. 4(3):231-234.
- \_\_\_\_\_. & G.V. dos Santos  
1950. Diurnal mosquitoes in an area of small residual forests in Brazil. Ann. ent. Soc. Amer. 42(4):471-482.



- Causey, O.R. & H.W. Kumm  
1948. Dispersion of forest mosquitoes in Brazil. Preliminary studies. Amer. J. trop. Med. 28(3):469-480.
- \_\_\_\_\_, L.M. Deane & M.P. Deane  
1945. *Anopheles aquasalis* vs. *Anopheles tarsimaoulatus* as the name for the brackish water Anopheline of Central and South America and the Caribbean Islands. J. nat. Malar. Soc. 4(3):243-250.
- \_\_\_\_\_, M.P. Deane, O. Da Costa & L.M. Deane  
1945a. Studies on the incidence and transmission of *Filaria*, *Wuchereria bancrofti*, in Belem, Brazil. Amer. J. Hyg. 41(2):143-149.
- Cerqueira, M.L.  
1943. Algunas especies novas da Bolivia, e referencia a tres especies de *Haemagogus* (Diptera, Culicidae). Mem. Inst. Osw. Cruz. 39(1):1-14.
- \_\_\_\_\_  
1943a. Lista dos mosquitos da Bolivia (Diptera, Culicidae). Mem. Inst. Osw. Cruz. 39(1):15-36.
- \_\_\_\_\_, & J. Lane  
1945. Note on *Haemagogus capricornii* Lutz, 1904 (Diptera, Culicidae). Proc. ent. Soc. Wash. 47(9):279-288.
- Chagas, E. & others  
1937. Leishmaniose Visceral Americana. (Nova entidade morbida do homem na America do Sul.) Relatório dos trabalhos realizados pela comissão encarregada do estudo da Leishmaniose Visceral Americana em 1936. Mem. Inst. Osw. 32(3):321-390.
- Chamberlain, W.P. & D.P. Curry  
1926. Present status of the malaria problem and mosquito control. Rep. Hlt. Dept. Panama Canal, 1925. p. 13-21. (Abstract used).
- Christophers, S.R.  
1924. Provisional list and reference catalogue of the Anophelini. Indian med. Res. Mem. no.3. 105 p.
- Clark, H.C., W.H.W. Kemp & D.M. Jobbins  
1941. A tenth year's observations on malaria in Panama, with reference to the occurrence of variations in the parasite index, during continued treatment with Atabrine and Plasmoquine. Amer. J. trop. Med. 21(2):191-216.
- Cleare, L.D., Jr.  
1927. Notes on the breeding habits of two mosquitoes. Bull. ent. Res. 17(4):405-409.
- Cochrane, E.  
1942. Is *A. argyritarsis* a malarial vector in Grenada? Caribb. med. J. 3(4):193-195. (Abstract used).
- \_\_\_\_\_  
1942a. Notes on *A. argyritarsis* and *A. pseudopunctipennis* in Grenada. Caribb. med. J. 4(3):97-100. (Abstract used).
- Collier, W.A.  
1928. Durch Protozoen verursachte Krankheiten im Llanogebiet Venezuelas. Arch. Schiffe- u. Tropenhyg. 32(10):489-494. (Abstract used).
- Converse, G.M.  
1914. The sanitation of Iquitos, Peru. Publ. Hlth Rep., Wash. 29(46):3030-3040.
- Cossio, V.  
1931. Observaciones sobre el *Aedes aegypti* (*Stegomyia*) mosquito de la fiebre amarilla, en Montevideo. Boln. Cons. nac. Hig. Montevideo. Rev. appl. Ent.(B). 19:230. (Abstract used).
- Coutinho, J.O. & I. Ricciardi  
1945. Contribuição para o estudo dos vetores de malaria no Brasil. *Anopheles (Nyssorhynchus) darlingi* Root, em Campos, no Estado do Rio. Mem. Inst. Osw. Cruz. 42(1):263-280. (Abstract used).

Cova-Garcia, P.

1943. Penetración y dispersión en Venezuela de las especies *Anopheles (Nyssorhynchus) darlingi* y *Anopheles (Nyssorhynchus) albimanus*. Rev. Sanid. Asist. soc. 8(3):467-472.

1946. Notas sobre los anofelinos de Venezuela y su identificación. Cuad. amarill. XII Conf. sanit. panamer. no. 1. 208 p.

1951. Distribución geográfica y datos biológicos de los Anofelinos de Venezuela. Publ. de la División de Malaria. No. 10, Caracas. 226 p.

Curran, C.H.

1934. The Templeton Crocker expedition of the California academy of sciences, 1932. No. 13, Diptera. Proc. Calif. Acad. Sci. Ser. 4. 21(13):147-172.

Curry, D.P.

1925. Some observations on mosquito control in the Canal Zone, with especial reference to the genus *Anopheles*. Amer. J. trop. Med. 5(1):1-16.

1928. A new Anopheline mosquito, *Anopheles (Chagasia) bathani* Dyar, discovered in the Canal Zone. Amer. J. trop. Med. 8(3):243-248.

1931. *Anopheles (Anopheles) neomaculipalpus*. A new species of the *Arribasagia* group of *Anopheles* from Panama. Amer. J. Hyg. 13(2):643-647. (Abstract used).

1932. Some observations on the *Nyssorhynchus* group of the *Anopheles* (Culicidae) of Panama. Amer. J. Hyg. 15(2):566-572. (Abstract used).

1936. Canal Zone Sanitation. Rep. Hlth Dep. Panama Canal 1935. p. 13-16. (Abstract used).

1937. Canal Zone Sanitation. Rep. Hlth Dep. Panama Canal 1936. p. 20-24. (Abstract used).

de Costa Lima, A.

1930. Sobre os mosquitos que se criam em buracos de arvores. Mem. Inst. Osw. Cruz. 23(5):255-260.

- 1930a. Nota sobre a *Myzomyia (Dendromyia) luteoventralis* Theobald, 1901. Mem. Inst. Osw. Cruz. 24(1):35-39.

- 1930b. Sobre especies do genero *Miaomyia*, subgenero *Miaomyia* (Diptera: Culicidae). Mem. Inst. Osw. Cruz. 24(2):73-78.

- 1930c. Sobre especies do genero *Miaomyia*, subgenero *Miaomyia* (2a Nota). Mem. Inst. Osw. Cruz. 24(3):187-194.

1935. Especies de *Tarniorhynchus (Tarniorhynchus)* (Diptera: Culicidae). Mem. Inst. Osw. Cruz. 30(3):453-470.

1938. Entomologia medica. Nota sobre algumas especies de *Pachyphura (Pachyphura)* (Diptera: Culicidae). Acta med., Rio de J. no. 16 p.

de Fonseca, F. & R.R. Correa

1942. Infecção experimental de *Anopheles (Kertessia) cruzi* pelo *Plasmodium vivax*. Mem. Inst. Butantan. 15:91-98.

da Fonseca, J.A.B. & F. da Fonseca

1942. *Leptomonas anophelini*, sp.n., parasita do *Anopheles eiseni*. Mem. Inst. Butantan. 15:101-102.

\_\_\_\_\_, & \_\_\_\_\_

1943. Transmissão da malária humana por anofelinos da série *tarsimaoulatus*. Mem. Inst. Butantan. 16:93-124.

Dampf, A.

1936. El *Anopheles occidentalis* Dyar & Knab (*A. maculipennis* auct.) en la Mesa Central de México. Rev. mex. Biol. 18(3):91-122.

\_\_\_\_\_,

1939. Los hipopigios masculinos de *Anopheles hectoris* y *Anopheles parapunctipennis*. (Insecta, Diptera, Culicidae). An. Esc. nac. Cienc. biol., Méx. 1(2):279-286.

\_\_\_\_\_,

1944. Notas sobre flebotómidos mexicanos. 1. Observaciones generales y descripción de dos especies nuevas (*Phlebotomus oppidanus* y *Phl. vindicator*) encontradas en la ciudad de México (Ins. Diptera, Fam. Phlebotomidae). Rev. Soc. mex. Hist. nat. 5(3-4):237-254.

Davis, W.C.

1926. A field study of mountain malaria in Brazil. Amer. J. Hyg. 6(1):119-138.

\_\_\_\_\_,

- 1926a. Study on the dispersion of resting Anopheline mosquitoes from dwellings in Brazil. Amer. J. Hyg. 6:23-35.

\_\_\_\_\_,

1933. Transmission of yellow fever virus by *Culex fatigans* Wiedemann. Ann. ent. Soc. Amer. 26(3):491-495.

\_\_\_\_\_,

1935. An investigation of possible vectors of *Wuchereria bancrofti* (Cobbold) in Bahia, Brazil. J. Parasit. 21(1):21-26.

\_\_\_\_\_, & R.C. Shannon

1928. The habits of *Anopheles rondani* in the Argentine Republic. Amer. J. Hyg. 8(3):448-456.

\_\_\_\_\_, & \_\_\_\_\_

- 1928a. The blood feeding habits of *Anopheles pseudopunctipennis* in Northern Argentina. Amer. J. trop. Med. 8(5):443-447.

Deane, L.M., O.R. Causey & M.P. Deane

1946. Studies on Brazilian Anophelines from the northeast and Amazon regions. I. An illustrated key by adult female characteristics for the identification of thirty-five species of Anophelini, with notes on the malaria vectors (Diptera, Culicidae). Monogr. Ser. Amer. J. Hyg. 18:1-18.

\_\_\_\_\_, & \_\_\_\_\_

1948. Notas sobre a distribuição e a biologia dos Anofelinos das regiões Nordeste e Amazonica do Brasil. Rev. Serv. Saude publ., Rio de J. 1(4):827-965.

\_\_\_\_\_, M.P. Deane & O.R. Causey

1943. Descrição do ovo, larva e pupa de *Anopheles (Arthuromyia) gilei* (Meiva, 1908). Pap. Dep. Zool. Sec. Agric. S. Paulo. 3(19):167-181. (Abstract used).

Deane, M.P., O.R. Causey & L.M. Deane

- 1946a. Studies on Brazilian Anophelines from the northeast and Amazon region. III. An illustrated key by larval characteristics for the identification of thirty-two species of Anophelini, with descriptions of two larvae. Monogr. Ser. Amer. J. Hyg. 18:35-50.

- de León, J.R.  
1940. La formación de razas en los *Anopheles* guatemaltecos. Ciencia, Méx. 1(8):349-352. (Abstract used).
- del Ponte, E.  
1931. Anophèles du haut Parana. C.R. Soc. Biol., Paris. 106(5):393.
- . 1939. Observaciones sobre *Anopheles pseudopunctipennis* en La Mendieta, provincia de Jujuy. Rev. Inst. bact., B. Aires. 9(2):149-155.
- . 1940. Tres especies nuevas de *Anopheles* (Dip. Cul.) nuevas para la gobernación de Misiones. Rev. Inst. bact., B. Aires. 9(4):445-447.
- . 1943. Estudios sobre el paludismo del Litoral Argentino. Revta Inst. bact. Dr Carlos G. Malbrán. 11(4):469-509.
- & N. Cerqueira  
1938. Alguns Sabethineos do Brasil (Diptera, Culicidae). Rev. Ent., Rio de J. 8(3-4):225-237.
- de Lucena, D.T.  
1946. Esboço ecológico do *Anopheles* (*N.*) *tarsimaculatus* Goeldi, 1905 no nordeste brasileiro. Ann. Soc. Biol. Pernambuco. 6(1):3-40. (Abstract used).
- de Oliveira Castro, G.M.  
1935. Estudo sobre uma especie de *Limatus* que se cria em buracos de pau (Dipt., Culicidae). Rev. Dep. nac. Prod. anim., Rio de J. 2(1-3):143-151.
- de Verteuil, E.  
1931. Malaria survey. Coun. Pap. Trin. Tob. no. 97. 32 p. (Abstract used).
- de Zulueta, J.  
1950. A study of the habits of the adult mosquitoes dwelling in the savannas of eastern Colombia. Amer. J. trop. Med. 30(2):325-339.
- Dunn, L.H.  
1918. A new mosquito (*Aedes whitmorei*) from Colombia. Proc. ent. Soc. Wash. 20(6):128-130.
- . 1923. Prevalence of the yellow fever mosquito, *Aedes taeniorhynchus*, in the southern part of Peru. Amer. J. trop. Med. 3(1):1-8.
- . 1926. Mosquito control at Barranquilla, Colombia, as a prophylaxis against yellow fever. Amer. J. Hyg. Suppl. 6:1-18.
- . 1929. Notes on some insects and other Arthropods affecting man and animals in Colombia. Amer. J. trop. Med. 9(6):493-508.
- . 1934. Entomological investigations in the Chiriqui region of Panama. Psyche, Camb., Mass. 41(3):166-183.
- Duret, J.P.  
1950. Cuatro mosquitos nuevos para la Republica Argentina. Rev. Sanid. milit., B. Aires. 49(3):230-233.
- . 1950a. Contribucion al conocimiento de la distribucion geografica de los culicidos Argentinos. (Diptera-Culicidae). Rev. Sanid. milit., B. Aires. 49(a):363-380.

Duret, J.P.

- 1950b. Lista de los mosquitos de la Republica Argentina (Diptera, Culicidae).  
Rev. Soc. ent. argent. 14(5):297-318.

Dyar, H.G.

1917. A second note on the species of *Culex* of the Bahamas (Diptera, Culicidae).  
Insec. Inscit. menst. 5(10-12):183-187.

1918. New American mosquitoes (Diptera, Culicidae). Insec. Inscit. menst. 6(7-9):120-129.

1919. A note on Argentine mosquitoes (Diptera, Culicidae). Insec. Inscit. menst.  
7(4-6):85-89.

1920. Note on *Aedes fulvus*, Wiedemann. Insec. Inscit. menst. 8(10-12):174-175.

- 1920a. A second *Culex* of the subgenus *Transculicia*, Dyar (Diptera, Culicidae). Insec.  
Inscit. menst. 8(1-3):27-29.

- 1920b. A new mosquito from Mexico (Diptera, Culicidae). Insec. Inscit. menst. 8(4-6):81-82.

- 1920c. The *Grabhamia* group of *Psorophora* (Diptera, Culicidae). Insec. Inscit. menst.  
8(7-9):140-141.

1921. Comment on the preceding paper (Diptera, Culicidae). Insec. Inscit. menst.  
9(1-3):26-31.

- 1921a. The male of *Psorophora coffini*, Dyar & Knab (Diptera, Culicidae). Insec. Inscit.  
menst. 9(1-3):31.

- 1921b. Two new *Culex* from Costa Rica (Diptera, Culicidae). Insec. Inscit. menst. 9(4-6):100.

- 1921c. The genus *Haemagogus*, Williston. (Diptera, Culicidae). Insec. Inscit. menst.  
9(7-9):101-114.

- 1921d. Illustrations of certain mosquitoes. Insec. Inscit. menst. 9(7-9):114-118.

- 1921e. The mosquitoes of Argentina. Insec. Inscit. menst. 9(7-9):148-150.

- 1921f. The species of *Finlaya* allied to *terrens* Walker (Diptera, Culicidae). Insec. Inscit.  
menst. 9(10-12):151-153.

- 1921g. New mosquitoes from Costa Rica (Diptera, Culicidae). Insec. Inscit. menst.  
9(10-12):154-155.

- 1921h. Note on *Melanoconion indecorabile* Theobald (Diptera, Culicidae). Insec. Inscit.  
menst. 9(10-12):155-157.

Dyar, H.G.

1922. Note on the male genitalia of *Culex coaromator* and allied forms. Insec. Inscit. menst. 10(1-3):18-19.
- 1922a. The American *Aedes* of the *soopularis* group (Diptera, Culicidae). Insec. Inscit. menst. 10(4-6):51-60.
- 1922b. The American *Aedes* of the *serratus* group (Diptera, Culicidae). Insec. Inscit. menst. 10(7-9):157-166.
- 1922c. Notes on tropical American mosquitoes (Diptera, Culicidae). Insec. Inscit. menst. 10(10-12):188-196.
1923. Mosquito notes (Diptera, Culicidae). Insec. Inscit. menst. 11(4-6):64-72.
- 1923a. Notes on *Goeldia* (Diptera, Culicidae). Insec. Inscit. menst. 11(4-6):81-88.
- 1923b. Notes on American *Culex* (Diptera, Culicidae). Insec. Inscit. menst. 11(7-9):118-121.
- 1923c. The mosquitoes of Panama (Diptera, Culicidae). Insec. Inscit. menst. 11(10-12):167-186.
- 1923d. A new *Culex* from Mexico (Diptera, Culicidae). Insec. Inscit. menst. 11(10-12):186-187.
1924. Notes on some Sabethids from Central America (Diptera, Culicidae). Insec. Inscit. menst. 12(7-9):101-104.
- 1924a. Notes on the Sabethids of the West Indies (Diptera, Culicidae). Insec. Inscit. menst. 12(7-9):104-107.
- 1924b. A note on *Wyeomyia*, Theobald (Diptera, Culicidae). Insec. Inscit. menst. 12(7-9):113-117.
- 1924c. Some new mosquitoes from Colombia (Diptera, Culicidae). Insec. Inscit. menst. 12(7-9):119-124.
- 1924d. Mosquitoes from Chile (Diptera, Culicidae). Insec. Inscit. menst. 12(7-9):128-131.
- 1924e. Some new mosquitoes from Colombia. - II (Diptera, Culicidae). Insec. Inscit. menst. 12(10-12):183-186.
1925. A new Sabethid from Panama (Diptera, Culicidae). Insec. Inscit. menst. 13(1-3):20-21.
- 1925a. Some new mosquitoes from Colombia. - III (Diptera, Culicidae). Insec. Inscit. menst. 13(1-3):21-24.
- 1925b. Some mosquitoes from Ecuador (Diptera, Culicidae). Insec. Inscit. menst. 13(1-3):27-31.

Dyar, H.G.

1925c. The mosquitoes of Panama (Diptera, Culicidae). Insec. Inscit. menst. 13(7-9):101-195.

1925d. Some mosquitoes from Venezuela (Diptera, Culicidae). Insec. Inscit. menst. 13(10-12):213-216.

1925e. Note on the male of *Aedes punctifemore* Ludlow. (Diptera, Culicidae). Insec. Inscit. menst. 13(10-12):217.

1926. A note on *Phalangomyia* Dyar & Knab (Diptera, Culicidae). Insec. Inscit. menst. 14(1-3):41-43.

1926a. The larva of *Dendromyia intonoo* Dyar & Knab (Diptera, Culicidae). Insec. Inscit. menst. 14(1-3):43-44.

1926b. Mosquito notes (Diptera, Culicidae). Insec. Inscit. menst. 14(10-12):179-182.

1928. Water-bearing plants of Panama which harbor mosquitoes, with a new species of *Myzomyia* (Diptera: Culicidae). Proc. ent. Soc. Wash. 30(6):110-112.

1928a. The mosquitoes of the Americas. Pub. Carnegie Instn. no. 387. 616 p.

. & F. Knab

1913. Three new neotropical mosquitoes. Insec. Inscit. menst. 1:76-78.

1914. New mosquitoes from Peru. Insec. Inscit. menst. 2(4):58-62.

. & R.C. Shannon

1924. New *Culex* from Panama (Diptera, Culicidae). Insec. Inscit. menst. 12(1-3):46-48.

1924a. Notes on Sabethids from Panama (Diptera, Culicidae). Insec. Inscit. menst. 12(4-6):85-91.

1924b. Another new *Culex* from Panama (Diptera, Culicidae). Insec. Inscit. menst. 12(7-9):143-144.

1924c. The American species of *Uranotaenia* (Diptera, Culicidae). Insec. Inscit. menst. 12(10-12):187-192.

Earle, W.C.

1930. Malaria in Porto Rico. Amer. J. trop. Med. 10(3):207-230.

1933. Summary of malaria activities in Grenada, B.W.I. 1929-1932 inclusive. Rep. med. sanit. Dep. Grenada, 1932. p. 44-52. (Abstract used).

Edwards, F.W.

1922. Mosquito notes, III. Bull. ent. Res. 13(1):75-102.

1928. Mosquito notes, VII. Bull. ent. Res. 18(3):267-284.

Edwards, F. J.

1931. *Diptera of Patagonia and South Chile. Part II, Fascicle 3. Bibionidae, Scatopsidae, Cecidomyiidae, Culicidae, Thaumaleidae (Orphnephilidae), Anisopodidae (Rhyphidae). Diptera of Patagonia and South Chile based mainly on material in the British Museum (Natural History). British Museum (Nat. Hist.), London. p. 77-119. (Abstract used).*

\_\_\_\_\_. & H.E. Box

1940. Notes on mosquitoes. *Ann. Mag. nat. Hist.* 5(27):314-322.

Edwards, W.H.

1937. Report on an agricultural survey in the Cayman Islands, with notes on the control of the more important pests and diseases which were found attacking economic plants in that dependency of Jamaica. *Bull. Dep. Sci. Agric. Jamaica (N.S.)* no. 13. 41 p.

Espinosa-Tamayo, L.

1917. Über die pathologische Geographie von Ekuador. *Arch. Schiffs- u. Tropenhyg.* 21(17):285-291.

Evans, A.M.

1922. Notes on Culicidae in Venezuela, with descriptions of new species. Part II. *Ann. trop. Med. Parasit.* 16(2):213-222.

\_\_\_\_\_. &

1924. Descriptions of new mosquitoes from South America. *Ann. trop. Med. Parasit.* 18(3):363-375.

\_\_\_\_\_. & G.R. Walker

1935. Notes on Brazilian mosquitoes: species observed in the Amazon Valley, and record of *Aedes albifasciatus* Macq. invading a ship in harbour. *Ann. trop. Med. Parasit.* 29(4):463-467.

Fisher, H.C.

1922. Entomological report. Rep. Panama Canal Hlth Dep, 1921. p. 59-60. (Abstract used).

Floch, H.

1951. Lutte antiamarile et lutte antipaludique en Guyane française. Quelques résultats enregistrés à ce jour. *Archs Inst. Pasteur Guyane Terr. Inini.* no. 234. 12 p.

\_\_\_\_\_. & E. Abonnenc

1945. Les moustiques de la Guadeloupe (II). Les genres *Megarhinus*, *Aedes*, *Culex*, *Deinocerites*, *Mansonia* et *Wyeomyia*. *Publ. Inst. Pasteur Guyane.* no. 110. 48 p.

\_\_\_\_\_. & \_\_\_\_\_

1947. Distribution des anophèles en Guyane française. *Publ. Inst. Pasteur Guyane.* no. 144. 9 p.

\_\_\_\_\_. & \_\_\_\_\_

- 1947a. Distribution des moustiques du genre *Culex* en Guyane française. *Publ. Inst. Pasteur Guyane.* no. 146. 8 p.

\_\_\_\_\_. & \_\_\_\_\_

- 1947b. Distribution des culicines des genres autres que le genre *Culex*, en Guyane française. *Publ. Inst. Pasteur Guyane.* no. 148. 12 p.

Flu, P.C.

1926. L'organisation de l'hygiène dans les colonies hollandaises. *Acta Leidensia.* 1:112-142. (Abstract used).

François-Julien, G.

1930. De la persistance du paludisme à la Guadeloupe. Les causes - La prophylaxie. Thèse des Faculté de Médecine, Paris. 110 p. (Abstract used).

Gabaldon, A., F. Cova-Garcia & A. Arevalo

1940. Estudios sobre anofelinos. Serie I. 3. Observaciones sobre número de huevos, salinidad de criaderos y tiempo de desarrollo de tres especies de la sub-serie *oswaldoi*. *Publ. Div. Malar., Caracas.* no. 5. 25-32.



Gabaldon, A., P. Cova-García & J.A. López

1941. Estudios sobre anofelinos. Serie II. 2. *Anopheles (Arthuromyia) vargasi*, n.sp. y redescrición del subgénero *Arthuromyia* Galvao, 1941. Publ. Div. Malar., Caracas. no. 7. 25-55.

Galindo, P., S.J. Carpenter & H. Trapido

1949. Notes on forest mosquitoes of Panama. I. *Haemagogus spegazzinii faloo* Kumm et al., *Haemagogus iridicolor* Dyar, *Anopheles (Lophopodomyia) squamifemur* Antunes, and *Anopheles (Anopheles) fausti* Vargas, four new records for the country (Diptera, Culicidae). Proc. ent. Soc. Wash. 51(6):277-278.

1951. Ecological observations on forest mosquitoes of an endemic yellow fever area in Panama.

- 1951a. Descriptions of two new species of *Myzomyia* and the male of *Sabethes tarsopus* Dyar and Knab. Proc. ent. Soc. Wash. 53(2):86-96.

- 1951b. Westward extension of the range of *Haemagogus spegazzinii faloo* Kumm et al. into Costa Rica. Proc. ent. Soc. Wash. 53(2):104-106.

1953. The taxonomic status of the *Aedes leucooelaeus* complex with descriptions of two new forms (Diptera, Culicidae). Ann. ent. Soc. Amer. 45(4):529-542.

H. Trapido & S.J. Carpenter

1950. Observations on diurnal forest mosquitoes in relation to sylvan yellow fever in Panama. Amer. J. trop. Med. 30(4):533-574.

Giaquinto Mira, M.

1936. La malaria en Guatemala. Estudios epidemiológicos y desarrollo de la campaña antipaludica. Riv. Malariol., Rome. 54 p. (Abstract used).

Giglioli, G.

1948. An investigation of the house-frequenting habits of mosquitoes of the British Guiana coastland in relation to the use of DDT. Amer. J. trop. Med. 28(1):43-70.

- 1948a. The transmission of *Wuchereria bancrofti* by *Anopheles darlingi* in the American tropics. Amer. J. trop. Med. 28(1):71-85.

González Rincones, R.

1916. Presentación de dos Anofelinos capturados en Aragua por el doctor Nufiez Tóvar. Gac. méd. Caracas. 23(22):171-172. (Abstract used).

Gordon, R.M.

1922. The susceptibility of the individual to the bites of *Stegomyia aalopus*. Ann. trop. Med. Parasit. 16(3):229-234.

- 1922a. Notes on the bionomics of *Stegomyia aalopus* Meigen, in Brazil. Part II. Ann. trop. Med. Parasit. 16(4):425-439.

& A.M. Evans

1922. Mosquitoes collected in the Manáos region of the Amazon. Ann. trop. Med. Parasit. 16(3):315-338.

Gowdey, C.C.

1926. Catalogus insectorum jamaicensis. Ent. Bull. Dep. Agric. Jamaica. 4(1-2):114.

- Hackett, L.W.  
1945. The malaria of the Andean region of South America. *Rev. Inst. Salubr. Enferm. trop., Méx.* 6(4):239-252.
- Hart, T.A., J.H. Hart & E. Saracho-Lopez  
1948. Malaria control in Guayaramerin, Bolivia. *Mosquito News.* 8(1):21-25.
- Haslam, J.F.C.  
1925. Observations on the experimental use of fish indigenous to British Guiana for the control of mosquitoes breeding in vats, tanks, barrels and other water containers. *J. trop. Med. Hyg.* 28(15):284-288.
- Hayes, T.H.  
1930. Report of mosquito survey in St. Croix. *Nav. med. Bull.* 28(1):194-222.
- Hecht, O. & P.J. Anduze  
1944. Contribución al conocimiento de la fauna culicidiana de la parte norte de la Guayana venezolana. *Bol. Ent. venezol.* 3(3):105-118.
- Hoffmann, C.C.  
1927. Zur Kenntnis der Anophelen Mexikos. *Abh. Auslandsk.* 26, Ser. D. (Med.), II (Festschr. Nocht):184-196.
1934. Contribución al conocimiento del paludismo en la península de Yucatán. *Bol. Inst. Hyg. Méx.* 2(1):58.
1936. Nota sobre el anofelismo en el centro de Michoacán. *Bol. Inst. Hig. Méx.* 2(6):370-376. (Abstract used).
1937. Contribución al conocimiento de los mosquitos del Valle del Mezquital. *An. Inst. Biol. Univ. Méx.* 8(1-2):207-215.
- Hoffmann, W.A.  
1927a. Biological notes on Haitian Anophelines. *J. Wash. Acad. Sci.* 27(7):175. (Abstract used).
- Johnson, C.W.  
1924. Diptera of the Williams Galapagos expedition. *Zoologica, N.Y.* 5(8):85-92.
- Knight, K.L. & E.N. Marks  
1952. An annotated checklist of the mosquitoes of the subgenus *Finlaya*, genus *Aedes*. *Proc. U.S. nat. Mus.* 101(3288):513-574.
- Komp. W.H.W.  
1932. A new *Culex*, *Culex vomerifer*, from Panama. *Psyche, Camb., Mass.* 39(3):79-82.
1936. An annotated list of the mosquitoes found in the vicinity of an endemic focus of yellow fever in the Republic of Colombia. *Proc. ent. Soc. Wash.* 38(4):57-70.
- 1936a. *Anopheles (Anopheles) chiriquiensis*, a new species of *Anopheles* from Panama (Diptera, Culicidae). *Proc. ent. Soc. Wash.* 38(7):156-160.
1941. The occurrence of *Anopheles darlingi* Root in Central America. *Amer. J. trop. Med.* 21(5):659-670.
1942. The Anopheline mosquitoes of the Caribbean Region. *Nat. Inst. Hlth Bull.* no. 179. 195 p.

- Komp, W.H.W.  
1943. *Anopheles olarki*, a new species of *Myzorrhynchus* of wide distribution in South America (Diptera: Culicidae). Proc. ent. Soc. Wash. 44(9):196-201.
- \_\_\_\_\_. & D.P. Curry  
1932. A new *Culex* from Panama (Dipt., Culicidae). Psyche, Camb., Mass. p. 82-84.
- Kraus, R.  
1916. Über die Feststellung der Dengue in Argentinien. Dtsch. med. Wechr. 42(43):1314-1315.
- Kumm, H.W.  
1929. The geographical distribution of the malaria carrying mosquitoes. A collection of recorded material in the literature and in personal communications to the author. Amer. J. Hyg. Monog. Ser., no. 10. 178 p.
- \_\_\_\_\_.  
1931. The geographical distribution of the yellow fever vectors. A compilation of material recorded in the literature, unpublished communications and certain collections made by the author in Nigeria, West Africa. Amer. J. Hyg. Monogr. Ser., Baltimore, Md. no. 12. 110 p.
- \_\_\_\_\_.  
1941. The eggs of some Costa Rican Anophelines. Amer. J. trop. Med. 21(1):91-98.
- \_\_\_\_\_. & M.L. Cerqueira  
1951. The *Haemagogus* mosquitoes of Brazil. Bull. ent. Res. 42(1):160-181.
- \_\_\_\_\_. & O. Novis  
1938. Mosquito studies on the Ilha de Marajó, Pará, Brazil. Amer. J. Hyg. 27(3):498-515.
- \_\_\_\_\_. & L.M. Ram  
1941. Observations on the *Anopheles* of British Honduras. Amer. J. trop. Med. 21(4):559-566.
- \_\_\_\_\_. & H. Zuniga  
1942. The mosquitoes of El Salvador. Amer. J. trop. Med. 22(4):399-415.
- \_\_\_\_\_. & \_\_\_\_\_  
1944. Seasonal variations in the numbers of *Anopheles albimanus* and *A. pseudopunctipennis* caught in stable traps in central America. Amer. J. Hyg. 39(1):8-15.
- \_\_\_\_\_. M.E. Bustamante & J.R. Herrera  
1943. Report concerning certain Anophelines found near the Mexican-Guatemalan frontier. Amer. J. trop. Med. 23(3):373-376.
- \_\_\_\_\_. W.H.W. Komp & H. Ruiz  
1940. The mosquitoes of Costa Rica. Amer. J. trop. Med. 20(3):385-422.
- \_\_\_\_\_. E. Osorno-Mesa & J. Boshell-Manrique  
1946. Studies on mosquitoes of the genus *Haemagogus* in Colombia (Diptera, Culicidae). Amer. J. Hyg. 43(1):13-28.
- Laemmert, H.W., jr., L. de Castro Ferreira & R.M. Taylor  
1946. Part II. Investigations of vertebrate hosts and arthropod vectors. Suppl. to Amer. J. trop. Med. 26(6):23-69.
- Lane, J.  
1935. Notas sobre Culicídeos de Ríofaina. Rev. Biol. Hyg., S. Paulo. 6(2):74-78. (Abstract used).
- \_\_\_\_\_.  
1936. Notas sobre culicídeos de Matto Grosso. Rev. Mus. paul. 20:173-206.
- \_\_\_\_\_.  
1953. Neotropical Culicidae. Published by the University of Sao Paulo, Brazil. 2 vols. 1112 p.

- Lane, J. & J.O. Coutinho  
1940. *Mansonia* subg. *Rhynohotaenia*: Descrição de duas espécies novas e dados sobre o subgênero (Dipt. Culicidae). Rev. Ent., Rio de J. 11(1-2):589-597.
- & L. Whitman  
1951. The subgenus *Microculex* in Brazil. (Diptera: Culicidae). Rev. brasil. Biol. 11(3):341-366.
- Lassalle, C.F.  
1916. Trinidad malarial report. Port of Spain 1916. 126 p. (Abstract used).
- Leger, M.  
1918. Contribution à l'Etude de la Faune culicidienne de la Guyane française. Bull. Soc. Pat. exot. 11(5):397-400.
- Leon, L.A.  
1949. El clima y las enfermedades tropicales del altiplano ecuatoriano. Rev. Kuba Med. trop. 5(1-2):4-8.
- Levi-Castillo, R.  
1944. Estudios sobre los anofelinos de la región del Milagro. Rev. Asoc. Esc. Cien. quim. 3(1):16.  
1945. Los anofelinos de la Republica del Ecuador. Tomo primero. Guayaquil, Artes Graficas Senefelder C.A. Ltda. 172 p.  
1945a. *Anopheles pseudopunctipennis* in the Los Chillos valley of Ecuador. J. econ. Ent. 38(3):385-388.  
1946. Une revue des anopheles de l'équateur. Rev. Palud. et Med. Trop. 4(29):237-238.  
1949. Atlas de los anofelinos sudamericanos. Guayaquil. 207 p.  
1951. Los Mosquitos del Género *Haemagogus*-Williston, 1896 en America del Sur. Editorial "Don Bosco" Cuenca, Ecuador. p. 1-76.  
1951a. Die Epidemiologie des Buschgelbfiebers in Südamerika. Z. Tropenmed. u. Parasit. 2(3):315-322.
- Ludlow, C.S.  
1913. Disease-bearing mosquitoes of North and Central America, the West Indies, and the Philippine Islands. Bull. Off. Surg. gen. War Dep. no. 4. 97 p.
- Lutz, A., H.C. de Souza Araujo & O. da Fonseca  
1918. Viagem científica no Rio Paraná e a Assuncion com Volta por Buenos Aires, Montevideo e Rio Grande. Mem. Inst. Osw. Cruz. 10(2):104-173.
- MacDonald, A.  
1917. Notes on blood-sucking flies in Grenada. Bull. ent. Res. 7(3):259-264.
- Manso Soto, A.E. & A. Martinez  
1949. Estudios sobre mosquitos de la ciudad de Buenos Aires. Publines Misión Estud. Patol. reg. argent. Jujuy. 20(75):53-61.
- Manson-Bahr, P.  
1959. The story of *Filaria bancrofti*. A critical review. J. trop. Med. (Hyg). 62(3):138-145.
- Martinez, A.  
1949. *Anopheles (Kertessia) lineatus* Correa y Cerqueira, 1944, nueva especie para la entomofauna Boliviana. Publines Misión Estud. Patol. reg. argent. Jujuy. 20(75):13-17.

Martinez, A.

1950. Algunas capturas de mosquitos en la localidad y alrededores de pocitos en la Provincia de Salta. *Publins Misión Estud. Patol. reg. argent. Jujuy.* 21(77):55-63.

- 1950a. Algunos Culicidas nuevos o poco conocidos para las entomofaunas de Argentina, Bolivia y Paraguay. *Publins Misión Estud. Patol. reg. argent. Jujuy.* 21(78):33-41.

Martinez-Palacios, A.

1950. Identificación de los Mosquitos Mexicanos del subgenero *Culex* (Diptera:Culicidae) por la genitalia masculina. *Rev. Soc. mex. Hist. nat.* 11(1-4):183-187.

1952. Nota sobre la distribución de los mosquitos *Culex* en Mexico (Diptera:Culicidae). *Rev. Soc. mex. Hist. nat.* 13(1-4):75-87.

- 1952a. *Culex infliotus* Theobald y *Culex thriambus* Dyar, mosquitos nuevos para Mexico (Diptera:Culicidae). *Rev. Soc. mex. Hist. nat.* 13(1-4):89-95.

Martini, E.

1930. Die Fliegen der palaearktischen Region. In: Lindner. E. Schweizerbart, Stuttgart. Parts 11 and 12. p. 145-320.

1931. Die Ausbeute der deutschen Chaco-Expedition 1925-26. *Diptera. XXV. Culicidae. Konowia.* 10(2):116-120.

1935. Los mosquitos de México. *Bol. téc. Dep. Salubr. públ. Méx. no. 1.* 65 p.

Martorell, L.F.

1939. Insects observed in the State of Aragua, Venezuela, South America. *J. Agric. Univ. P.R.* 23(4):177-232.

Matheson, R.

1934. Notes on mosquitoes from South America, with a description of a new species (Diptera, Culicidae). *Proc. ent. Soc. Wash.* 36(5):120-122.

Menor y Ortega, J.G.

1934. Informe del entomólogo-patólogo. *Mém. Sec. agric. Com. Repub. Dominicana.* 1932. p. 117-133.

Mink, O. J.

1933. Mosquito control in Haiti. *Nav. Med. Bull., Wash.* 31(3):323-334. (Abstract used).

Mühlens, P., R.L. Dios, J. Petrocchi & J.A. Zuccarini

1925. Estudios sobre el Paludismo y Hematología en el Norte Argentino. *Rev. Inst.bact. B. Aires.* 4(3):207-357.

Noe, J. & F.G. Mann

1946. Disminución invernal del anofelismo en Tarapaca. *Biologica. Santiago.* no. 5. 3-12.

O'Connor, F.W. & H.A. Beatty

1938. *Mochereria bancrofti* in mosquitoes of St. Croix. *Trans. R. Soc. trop. Med. Hyg.* 31(4):413-430.

Ortiz, C.I.

1944. Contribución al estudio de la entomología médica del Estado Falcón. *Bol. Lab. Clín. Razetti.* 4(14):247-251.

Patino-Camargo, L.

1940. Artrópodos hematofagos de la fauna colombiana. *Rev. Acad. colomb.* 3(11):337-344.

Paul, J.H. & A. Bellerive

1947. A malaria reconnaissance of the Republic of Haiti. J. nat. Malar. Soc. 6(1):41-67.

Peryassó, A.

1922. Duas novas especies de mosquitos do Brasil. Folha med. 3(23):179. (Abstract used).

1922a. Considerações Medico-Sanitarias e Biologicas do Valle do Rio Doce. Folha med. 3(13-14):145-148, 157-164.

Petrocchi, J.

1925. Contribución al estudio de los Culicinae en la Rep. Argentina. a) Género *Tasniorhynchus* F. Lynch Arrib. 1891. b) *Psorophora confinis* F. Lynch Arrib. 1891. Su larva. Rev. Inst. bact. Dep. nac. Hig., B. Aires. 4(2):98-104.

Pinotti, M., R.G. Rachou & M.O. Ferreira

1947. Algunos aspectos epidemiologicos de la malaria en el Litoral Sur del Brasil en la zona de transmision por anofelinos del subgenero *Kerteszia*. Tijeret s. Malar. 11(1-2):1-25.

Pinto, C.

1930. Mosquitos da região neotropica (Brasil, S. Paulo). I. (Diptera:Culicidae). Mem. Inst. Osw. Cruz. 23(3):153-157.

1930a. Mosquitos da região neotropica (Brasil, Estados de S. Paulo e Rio de Janeiro). II. *Psorophora gemmaculata* e *P. ciliata* (Diptera:Culicidae). Mem. Inst. Osw. Cruz. 23(4):179-184.

Porter, J.E.

1967. A check list of the mosquitoes of the Greater Antilles and the Bahama and Virgin Islands. Mosquito News. 27(1):35-41.

Prado, A.

1927. Notas sobre os Anophelineos do estado de São Paulo. Rev. Biol. Hyg., S. Paulo. 1(2):87-89.

1934. Contribuições ao conhecimento dos culicídeos de S. Paulo. V. Synopse das especies de *Mansonia*. Mem. Inst. Butantan. 8:1-8.

1935. Contribuições ao conhecimento dos culicídeos de São Paulo. VI. Notas sobre os mosquitos originarios das taquaras: *Subethmia intermedia* (Lutz) e *Megarthria bambusicola* Lutz & Neiva. Mem. Inst. Butantan. 9:195-199.

Pratt, H.D. & E.L. Seabrook

1952. The occurrence of *Culex ictericus* Dyar in Florida and Puerto Rico, with a description of the larva (Diptera: Culicidae). Proc. ent. Soc. Wash. 54(1):27-32.

Rachou, R.G. & J.A.F. Neto

1950. Da presença do *Anopheles (Kerteszia) bambusicola* Komp, 1937 no Estado de Santa Catarina (Brasil). Rev. bras. Malariol. 2(4):303-305.

Ram, L.M.

1942. Malarial survey of Stann Creek District with relevant observations on the incidence of malaria in British Honduras. J. trop. Med. Hyg. 45(1):16-24.

Rey, H. & S. Benito

1950. *Anopheles (N. kumera-tucari)* infectado en la naturaleza con *Plasmodium* sp. Rev. Acad. colomb. 7(28):514-518.

Rey, H. Soto & C.B. Huffaker

1945. *Anopheles punctimargatus* D. & K. as the vector of malaria in Medellin, Antioquia, South America. Amer. J. trop. Med. 25(4):591-595.

Root, F.M.

1922. Notes on mosquitoes and other blood-sucking flies from Porto Rico. Amer. J. Hyg. 2(4):394-405.

1924. Notes on blood-sucking arthropods collected at Tela, Honduras, and Port Limon, Costa Rica, during the summer of 1924. Rep. med. Dep. un Fruit Co. p. 207-209. (Abstract used).

1926. Studies on Brazilian mosquitoes. I. The Anophelines of the *Nyesorhynchus* group. Amer. J. Hyg. 6(5):684-717.

1927. Note on the mosquito fauna of the Republic of Haiti. Amer. J. Hyg. 7(4):463-469.

- 1927a. Studies on Brazilian mosquitoes. II. *Chagasia fajardoi*. Amer. J. Hyg. 7(4):470-480.

- 1927b. Studies on Brazilian mosquitoes. III. The genus *Culex*. Amer. J. Hyg. 7(5):574-598.

Ross, E.S.

1943. New and additional lower California mosquito records (Diptera, Culicidae). Pan-Pacif. Ent. 19(3):86.

Roy, D.N. & A.W.A. Brown

1954. Entomology (medical and veterinary) including insecticides and insect and rat control. Excelsior Press, Second Edition, Calcutta. 413 p.

Roseboom, L.E.

1942. Subspecific variations among neotropical *Anopheles* mosquitoes, and their importance in the transmission of malaria. Amer. J. trop. Med. 22(3):235-246.

\_\_\_\_\_. & W.H.W. Knop

1950. A review of the species of *Culex* of the subgenus *Melanoconion* (Diptera: Culicidae). Ann. ent. Soc. Amer. 43(1):75-114.

\_\_\_\_\_. & R.L. Laird

1942. *Anopheles (Kerteszia) bellator* Dyar & Knab as vector of malaria in Trinidad, British West Indies. Amer. J. trop. Med. 22(1):83-91.

Russell, P.F.

1956. World-wide malaria distribution, prevalence, and control. Amer. J. trop. Med. Hyg. 5(6):937-965.

\_\_\_\_\_. L.E. Roseboom & A. Stone

1943. Keys to the Anopheline mosquitoes of the world with notes on their identification, distribution, biology, and relation to malaria. Amer. ent. Soc., Philadelphia, Pa. 152 p.

Sautet, J., R.J. Aldighieri & G. Arnaud

1958. Comparaison de la sensibilité au DDT des Adultes de Plusieurs Souches d'*Aedes aegypti*. Bull. Soc. Pat. exot. 51(3):404-412.

Schapiro, L.

1934. Observations and experiments on mosquito breeding in pit latrines in Panama. Amer. J. Hyg. 19(1):254-259.

Séguy, E.

1924. Les Moustiques de l'Afrique Mineure, de l'Egypte et de la Syrie. Paris, Paul Lechevalier. 257 p.

Senevet, C.

1938. Les moustiques de la Guadeloupe (Mission 1936). Arch. Inst. Pasteur Algérie. 16(2):176-190.

- Senevet, G.  
1948. Nouvelles espèces d'Anophèles. Arch. Inst. Pasteur Algér. 26(2):149-161.
- 1948a. *Anopheles pessoai* en Guyane française. Description de la nymphe. Arch. Inst. Pasteur Algér. 26(3):280-287.
- , & L. Quiévreux  
1941. Les moustiques de la Martinique (2e mémoire). Arch. Inst. Pasteur Algérie. 19(2):248-264.
- Senior-White, R.A.  
1950. The distribution of the culicid tribe Anophelinae around the Caribbean Sea. Caribb. med. J. 12(3-4):67-71.
- Serre, P.A.  
1921. Insectes piquants et parasites au Costa-Rica. Bull. Mus. Hist. nat., Paris. no. 2. 170-172.
- Shannon, R.C.  
1930. Observations on *Anopheles pseudopunctipennis* in Peru. Amer. J. Hyg. 12(2):442-448.
- 1931. On the classification of Brazilian Culicidae with special reference to those capable of harboring the yellow fever virus. Proc. ent. Soc. Wash. 33(6):125-164.
- 1931a. List of species of Argentine Culicidae. 6. Reun. Soc. argent. Pat. arg. N., 1930. p. 494-500.
- 1934. The genus *Masonia* (Culicidae) in the Amazon Valley. Proc. ent. Soc. Wash. 36(5):99-110.
- , & H.C. Davis  
1927. Condiciones de reproducción de *Anopheles pseudopunctipennis* en la provincia de Tucumán durante la estación seca. Rev. Inst. bact., B. Aires. 4(7):662-678.
- , & ———  
1930. Observations on the Anophelini (Culicidae) of Bahia, Brazil. Ann. ent. Soc. Amer. 23(3):467-505.
- , & E. del Ponte  
1927. Cuatro notas sobre especies nuevas de Dípteros Hematófagos, hematófagos o no, de la República Argentina. Rev. Inst. bact., B. Aires. 4(7):724-736.
- , H.C. Davis & E. del Ponte  
1927. La distribución del *Anopheles pseudopunctipennis* y su relación con el paludismo, en la Argentina. Rev. Inst. bact., B. Aires. 4(7):679-705.
- Shropshire, J.B. & J. Zetek  
1927. Unusual *Anopheles* habitats in the Canal Zone. Amer. J. trop. Med. 7(5):331-338.
- Siler, J.P.  
1933. Report of the Health Department of the Panama Canal for the calendar year 1932. Balboa Heights, C.Z. 94 p. (Abstract used).
- , M.W. Hall & A.P. Hitchens  
1926. Dengue: its history, epidemiology, mechanism of transmission, etiology, clinical manifestations, immunity, and prevention. Philipp. J. Sci. 29(1-2):1-304.



Simmons, J.S.

1936. *Anopheles (Anopheles) punctimacula* naturally infected with malaria plasmodia. Amer. J. trop. Med. 16(2):105-108.

1936a. *Anopheles* experimentally infected with malaria plasmodia. Science. 83(2150):268-269.

1937. Observations on the importance of *Anopheles punctimacula* as a malaria vector in Panama, and report of experimental infections in *A. neomaculipalpus*, *A. apicimacula*, and *A. eiseni*. Amer. J. trop. Med. 17(2):191-212.

. & T.H.G. Aitken

1942. The Anopheline mosquitoes of the northern half of the western hemisphere and of the Philippine Islands. (Distribution, habits, identification, importance as vectors, and control.) Army med. Bull. no. 59. 205 p.

Snijders, E.P., M.F. Polak & J. Hoekstra

1947. Jungle yellow fever in Surinam. Trans. R. Soc. trop. Med. Hyg. 40(6):861-868.

Soper, F.L. & J. Serafim, Jr.

1933. Note on the breeding of *Aedes (Taeniorhynchus) fluviatilis*, Lutz, in artificial water deposits. Amer. J. trop. Med. 13(6):589-590.

. & D.B. Wilson

1943. *Anopheles gambiae* in Brazil 1930-1940. Rockefeller Foundation, New York, N.Y. 262 p.

., H. Penna, E. Cardoso, J. Serafim, Jr., M. Frobisher, Jr. & J. Pinheiro

1933. Yellow fever without *Aedes aegypti*. Study of a rural epidemic in the Valle do Chanaan, Espirito Santo, Brazil, 1932. Amer. J. Hyg. 18(3):555-587.

Stage, H.H.

1947. DDT to control insects affecting man and animals in a tropical village. J. econ. Ent. 40(6):759-762.

. & H.P.S. Gillette

1947. Observations on mosquitoes and malaria control in the Caribbean Area. Part III - Trinidad. Mosquito News. 7(4):157-159.

. & H.O. Pratt

1950. Observations on mosquito and malaria control in the Caribbean area. Part IV - Puerto Rico. Mosquito News. 10(2):54-57.

Stone, A., K.L. Knight & H. Starcke

1959. A synoptic catalog of the mosquitoes of the world (Diptera, Culicidae). The Thomas Say Foundation. Ent. Soc. Amer. 6:358 p.

Strong, R.P., G.C. Shattuck, J.C. Bequaert & R.E. Wheeler

1926. Medical report of the Hamilton Rice seventh expedition to the Amazon in conjunction with the department of tropical medicine of Harvard University, 1924-1925. Contr. Harv. Inst. trop. Biol. Med. no. 4. 313 p.

Sutter, V.A. & H. Zuniga

1942. A malaria survey of El Salvador, Central America. Amer. J. trop. Med. 22(4):387-398.

Taylor, R.M. & J.F. da Cunha

1946. An epidemiological study of jungle yellow fever in an endemic area in Brazil. Part I. Epidemiology of human infections. Suppl. to Amer. J. trop. Med. 26(5):1-22.

Thompson, G.A.

1947. A list of the mosquitoes of Jamaica, British West Indies. Mosquito News. 7(2):78-80.

Townsend, C.H.T.

1934. Mosquitoes of the Rio Tapajos. Rev. Ent., Rio de J. 4(4):486-499.

Trapido, H.

1946. The residual spraying of dwellings with DDT in the control of malaria transmission in Panama, with special reference to *Anopheles albimanus*. Amer. J. trop. Med. 26(4):383-415.

Tulloch, G.S.

1937. The mosquitoes of Puerto Rico. J. Agric. Univ. P.R. 21(2):137-167.

- 1937a. The brackish water mosquitoes of Puerto Rico. J. Agric. Univ. P.R. 21(4):581-583.

van der Kuyp, E.

1948. Mosquito records of the Netherlands Windward Islands. Amer. J. trop. Med. 28(5):747-749.

- 1948a. Mosquito records of Aruba and Bonaire. Amer. J. trop. Med. 28(6):895-897.

1949. Preliminary report on the subgenus *Nyssorhynchus* (Diptera, Culicidae) of Surinam (Dutch Guiana). Docum. neerl. indones. Mor. trop. 1(1):67-68.

- 1949a. Annotated list of mosquitoes of the Netherlands Antilles including French St. Martin with a note on *Eutriatoma maculata* on Curacao and Bonaire. Docum. neerl. indones. Mor. trop. 1(1):69-70.

- 1949b. Notes on *Haemagogus anastasionis* Dyar of Curacao. Docum. neerl. indones. Mor. trop. 1(2):142-144.

Vargas, L.

1939. Notas sobre mosquitos nuevos para Mexico. Rev. Inst. Salubr. Enferm. trop., Méx. 1(1):101-104.

1941. *Anopheles pseudopunctipennis willardi*, n.var. (Dipt. Culicidae). Rev. Soc. mex. Hist. nat. 2(1):47-49.

1942. Nota sobre la presencia de *Anopheles neomaculipalpus* en México. Rev. Inst. Salubr. Enferm. trop., Méx. 3(1):75-79.

1943. Los subgéneros americanos de *Anopheles* (Diptera, Culicidae) *Anopheles (Russellia) yelajuensis* De León, 1938 n. subgn. y *Anopheles (Coelodiazosis) faueti* n.sp. Rev. Inst. Salubr. Enferm. trop., Méx. 4(1):57-72.

1945. Consideraciones sobre el complejo del *Anopheles pseudopunctipennis*. Rev. Inst. Salubr. Enferm. trop., Méx. 6(4):265-270.

1946. El *Anopheles darlingi* Root, 1926 en México. Rev. Inst. Salubr. Enferm. trop., Méx. 7(4):221-226.

1950. Malaria along the Mexico-United States border. Bull. World Hlth Org. 2:611-620.

. & A. Martínez Palacios

1946. Descripción del huevo, larva y pupa de *Anopheles gabaldoni* Vargas, 1941. Rev. Inst. Salubr. Enferm. trop., Méx. 7(1):19-27.

Vargas, L. & A. Martínez Palacios

1955. Distribución de los anofelinos de México. Rev. Inst. Salubr. Enferm. trop., Méx. 15(2):81-123.

—, S.G. Casis & W.C. Earle

1941. *Anopheles pseudopunctipennis*, Theobald, a vector of malaria in Mexico. Amer. J. trop. Med. 21(6):779-788.

Vargas, V.M.

1961. Some observations on the irritant effect of DDT on strains of *Anopheles (Nyssorhynchus) albimanus* and *A. (Anopheles) punctimacula* in Costa Rica. Revta Biol. trop. 9(1):97-105.

1962. Algunas observaciones sobre pruebas biológicas de pared en la localidad de Matapalo (Puntarenas) con *Anopheles (A.) punctimacula*. Revta Biol. trop. 10(2):237-242.

Vevers, G.M.

1924. Addendum on filaria carriers and a list of mosquitoes. London School of Hygiene and Tropical Medicine. 5(7):122 p.

Villalobos, C.E. & A. Delgado

1944. El *Anopheles punctimacula* en el Perú. Dirección General de Salubridad. Servicio Nacional Antimalárico, Lima. 12 p. (Abstract used).

Waddell, M.B.

1949. Comparative efficacy of certain South American *Aedes* and *Haemagogus* mosquitoes as laboratory vectors of yellow fever. Amer. J. trop. Med. 29(4):567-575.

Walcott, A.M., E. Cruz, A. Paoliello & J. Serafin, Jr.

1937. An epidemic of urban yellow fever which originated from a case contracted in the jungle. Amer. J. trop. Med. 17(5):677-688.

Walker, E.L. & M.A. Barber

1914. Malaria in the Philippine Islands: I. Experiments on the transmission of malaria with *Anopheles (Myzomyia) febrifer*, sp. nov., *Anopheles (Pseudomyzomyia) rossii*, *Anopheles (Myzorrhynchus) barbirostris*, *Anopheles (Myzorrhynchus) sinensis*, and *Anopheles (Nyssorhynchus) maculatus*. Philipp. J. Sci. Sec. B. 9(5):381-439.

Washburn, B.E.

1933. An epidemic of malaria at Falmouth, Jamaica, British West Indies. Amer. J. Hyg. 17(3):656-665.

Weathersbee, A.A.

1944. A note on the mosquito distribution records of Puerto Rico and of the Virgin Islands. Puerto Rico J. publ. Hlth. 19(4):643-645.

1946. Malaria control activities during the construction of an advanced tropical naval base. J. nat. Malar. Soc. 5(4):263-276.

— & G.E. Bohart

1944. Observations on the nocturnal activity of *Anopheles* and certain other mosquitoes in eastern Puerto Rico. Puerto Rico J. publ. Hlth. 19(4):626-634.

Westphal, E.A. & R.K. Horton

1946. Malaria control work in Chimbote, Peru. Bol. Ofic. sanit. pan-amer. 25(9):796-809.

Whitman, L. & P.C.A. Antunes

1937. Studies on the capacity of various Brazilian mosquitoes, representing the genera *Psorophora*, *Aedes*, *Mansonia*, and *Culex*, to transmit yellow fever. Amer. J. trop. Med. 17:803-823.

Wille, J.

1933. Estudio entomológico de la Epidemia del Paludismo en los Valles de la Convención y Lares (Dept. del Cuzco). Bol. Direcc. Ganad., Montevideo. 3(11-12):303-322.

Wilson, C.E.

1922. Report of the entomologist. Rep. Virg. Is. (U.S.) agric. Exp. Sta. 1921. p. 12-24.

Woke, P.A.

1947. Arthropods of sanitary importance in the Republic of Nicaragua, Central America. Amer. J. trop. Med. 27(3):357-375.

Wolcott, G.N.

1936. "Insectae Borinquenses". A revised annotated check list of the insects of Puerto Rico with a host-plant index by J.I. Otero. J. Agric. Univ. P.R. 20(1):1-627.

1941. A supplement to "Insectae Borinquenses". J. Agric. Univ. P.R. 25(2):33-158.

Zetek, J.

1915. Behaviour of *Anopheles albimanus* Wied., and *tarsimaculata*, Goeldi. Ann. ent. Soc. Amer. 8(3):221-270.

Unclassified

Security Classification

DOCUMENT CONTROL DATA - R&D		
(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)		
1 ORIGINATING ACTIVITY (Corporate author)		2a REPORT SECURITY CLASSIFICATION
Cornell University Ithaca, New York 14850		<u>Unclassified</u>
		2b GROUP
3 REPORT TITLE		
ARTHROPODS OF MEDICAL IMPORTANCE IN LATIN AMERICA		
4 DESCRIPTIVE NOTES (Type of report and inclusive dates)		
5 AUTHOR(S) (Last name, first name, initial)		
Travis, B.V. and R.M. Labadan		
6 REPORT DATE	7a TOTAL NO OF PAGES	7b NO OF REFS
December 1967	507 and map	958
8a CONTRACT OR GRANT NO	9a ORIGINATOR'S REPORT NUMBER(S)	
DA19-129-AMC-417(N)		
b PROJECT NO	9b OTHER REPORT NO(S) (Any other numbers that may be assigned this report)	
1Vo25001A129	68-30-ES ES-35	
c		
d		
10 AVAILABILITY LIMITATION NOTICES		
This document has been approved for public release and sale; its distribution is unlimited.		
11 SUPPLEMENTARY NOTES		12 SPONSORING MILITARY ACTIVITY
		U.S. Army Natick Laboratories Natick, Massachusetts 01760
13 ABSTRACT		
<p>The occurrence of insects and other arthropods of medical importance in Latin America (used here to denote all of South and Middle America, including the West Indies), adjacent islands (Bermuda and the Falklands), and lands within the Antarctic Circle, is summarized on the basis of a compilation of almost all available references in the scientific literature. The report includes, for each major group of arthropods, a listing of species and subspecies with biological and distributional data, tabulations of diseases or disease organisms transmitted, and complete literature citations.</p> <p>The groups of arthropods included, with the number of species or subspecies in parentheses, are:</p> <p>Part I: Mosquitoes (1,251)</p> <p>Part II: Arthropods other than mosquitoes: Black flies (275), Sand flies (204), Midges (178), Horse flies (1,115), Biting flies (3), Non-biting flies (24), Fleas (356), Bugs (70), Urticating and vesicating arthropods (25), Ticks (182), Mites (73), and Miscellaneous arthropods (35).</p>		

DD FORM 1473

Unclassified

Security Classification

KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Distribution	8		8			
Behavior	8					
Arthropods	9		6			
Mosquitoes	9		6			
Flies	9		6			
Fleas	9		6			
Midges	9		6			
Mites	9		6			
Ticks	9		6			
Latin America	9		9			
Military medicine	4					
Diseases			7,9			
Disease vectors			9			

#### INSTRUCTIONS

1. **ORIGINATING ACTIVITY:** Enter the name and address of the contractor, subcontractor, grantee, Department of Defense activity or other organization (*corporate author*) issuing the report.

2a. **REPORT SECURITY CLASSIFICATION:** Enter the overall security classification of the report. Indicate whether "Restricted Data" is included. Marking is to be in accordance with appropriate security regulations.

2b. **GROUP:** Automatic downgrading is specified in DoD Directive 5200.10 and Armed Forces Industrial Manual. Enter the group number. Also, when applicable, show that optional markings have been used for Group 3 and Group 4 as authorized.

3. **REPORT TITLE:** Enter the complete report title in all capital letters. Titles in all cases should be unclassified. If a meaningful title cannot be selected without classification, show title classification in all capitals in parenthesis immediately following the title.

4. **DESCRIPTIVE NOTES:** If appropriate, enter the type of report, e.g., interim, progress, summary, annual, or final. Give the inclusive dates when a specific reporting period is covered.

5. **AUTHOR(S):** Enter the name(s) of author(s) as shown on or in the report. Enter last name, first name, middle initial. If military, show rank and branch of service. The name of the principal author is an absolute minimum requirement.

6. **REPORT DATE:** Enter the date of the report as day, month, year; or month, year. If more than one date appears on the report, use date of publication.

7a. **TOTAL NUMBER OF PAGES:** The total page count should follow normal pagination procedures, i.e., enter the number of pages containing information.

7b. **NUMBER OF REFERENCES:** Enter the total number of references cited in the report.

8a. **CONTRACT OR GRANT NUMBER:** If appropriate, enter the applicable number of the contract or grant under which the report was written.

8b, 8c, & 8d. **PROJECT NUMBER:** Enter the appropriate military department identification, such as project number, subproject number, system numbers, task number, etc.

9a. **ORIGINATOR'S REPORT NUMBER(S):** Enter the official report number by which the document will be identified and controlled by the originating activity. This number must be unique to this report.

9b. **OTHER REPORT NUMBER(S):** If the report has been assigned any other report numbers (*either by the originator or by the sponsor*), also enter this number(s).

10. **AVAILABILITY/LIMITATION NOTICES:** Enter any limitations on further dissemination of the report, other than those imposed by security classification, using standard statements such as:

- (1) "Qualified requesters may obtain copies of this report from DDC."
- (2) "Foreign announcement and dissemination of this report by DDC is not authorized."
- (3) "U. S. Government agencies may obtain copies of this report directly from DDC. Other qualified DDC users shall request through \_\_\_\_\_."
- (4) "U. S. military agencies may obtain copies of this report directly from DDC. Other qualified users shall request through \_\_\_\_\_."
- (5) "All distribution of this report is controlled. Qualified DDC users shall request through \_\_\_\_\_."

If the report has been furnished to the Office of Technical Services, Department of Commerce, for sale to the public, indicate this fact and enter the price, if known.

11. **SUPPLEMENTARY NOTES:** Use for additional explanatory notes.

12. **SPONSORING MILITARY ACTIVITY:** Enter the name of the departmental project office or laboratory sponsoring (*paying for*) the research and development. Include address.

13. **ABSTRACT:** Enter an abstract giving a brief and factual summary of the document indicative of the report, even though it may also appear elsewhere in the body of the technical report. If additional space is required, a continuation sheet shall be attached.

It is highly desirable that the abstract of classified reports be unclassified. Each paragraph of the abstract shall end with an indication of the military security classification of the information in the paragraph, represented as (TS), (S), (C), or (U).

There is no limitation on the length of the abstract. However, the suggested length is from 150 to 225 words.

14. **KEY WORDS:** Key words are technically meaningful terms or short phrases that characterize a report and may be used as index entries for cataloging the report. Key words must be selected so that no security classification is required. Identifiers, such as equipment model designation, trade name, military project code name, geographic location, may be used as key words but will be followed by an indication of technical context. The assignment of links, rules, and weights is optional.